

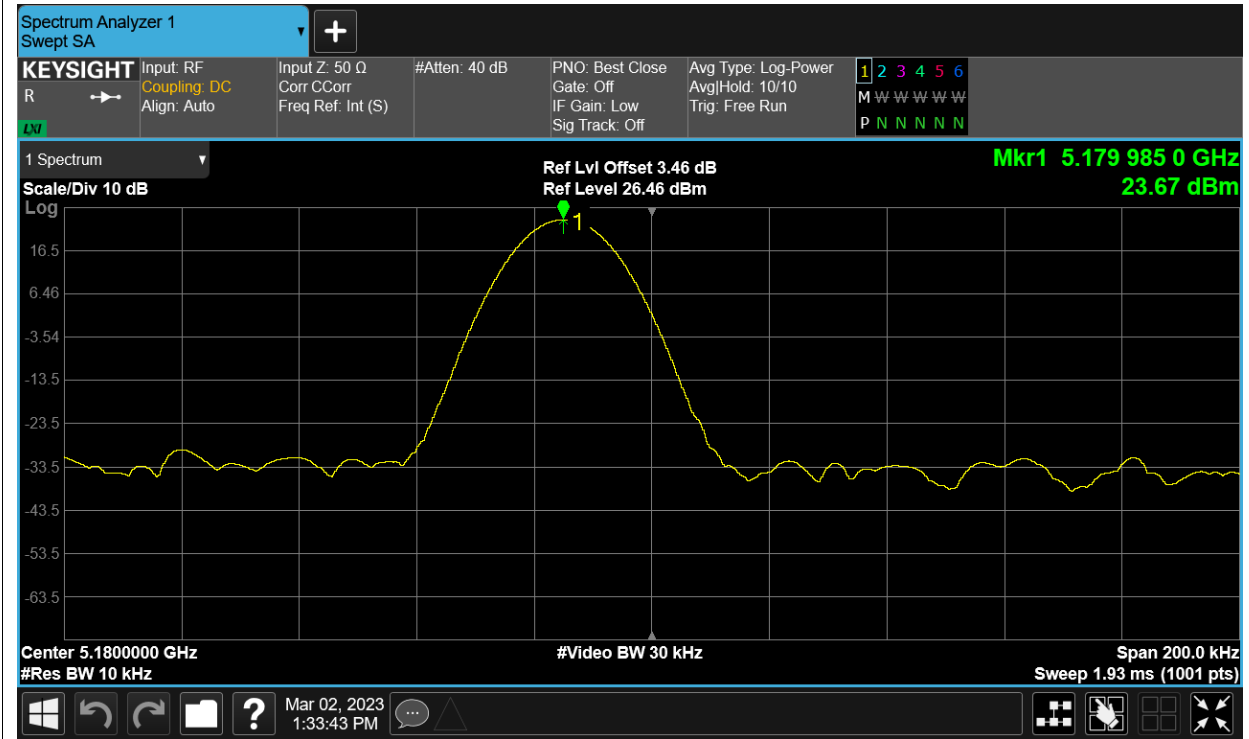
Test Data

Frequency Stability

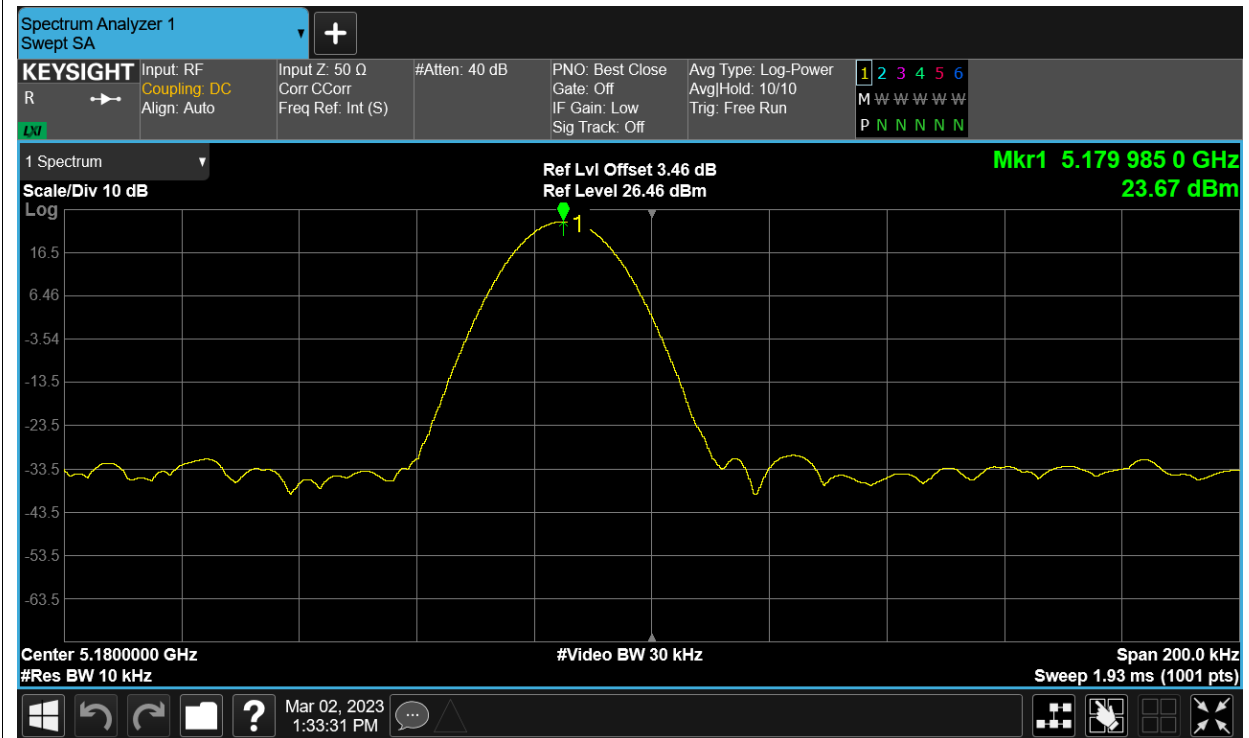
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5180	Ant1	5179.985	-2.9	25	Pass
LVNT	a	5180	Ant1	5179.985	-2.9	25	Pass
NVHT	a	5180	Ant1	5179.9848	-2.93	25	Pass
NVLT	a	5180	Ant1	5179.9848	-2.93	25	Pass
NVNT	a	5180	Ant1	5179.9854	-2.82	25	Pass
HVNT	ac80	5210	Ant1	5209.9858	-2.73	25	Pass
LVNT	ac80	5210	Ant1	5209.986	-2.69	25	Pass
NVHT	ac80	5210	Ant1	5209.986	-2.69	25	Pass
NVLT	ac80	5210	Ant1	5209.9862	-2.65	25	Pass
NVNT	ac80	5210	Ant1	5209.986939182	-2.51	25	Pass
HVNT	n40	5190	Ant1	5189.9846	-2.97	25	Pass
LVNT	n40	5190	Ant1	5189.9846	-2.97	25	Pass
NVHT	n40	5190	Ant1	5189.9846	-2.97	25	Pass
NVLT	n40	5190	Ant1	5189.9848	-2.93	25	Pass
NVNT	n40	5190	Ant1	5189.986	-2.7	25	Pass

Test Graphs

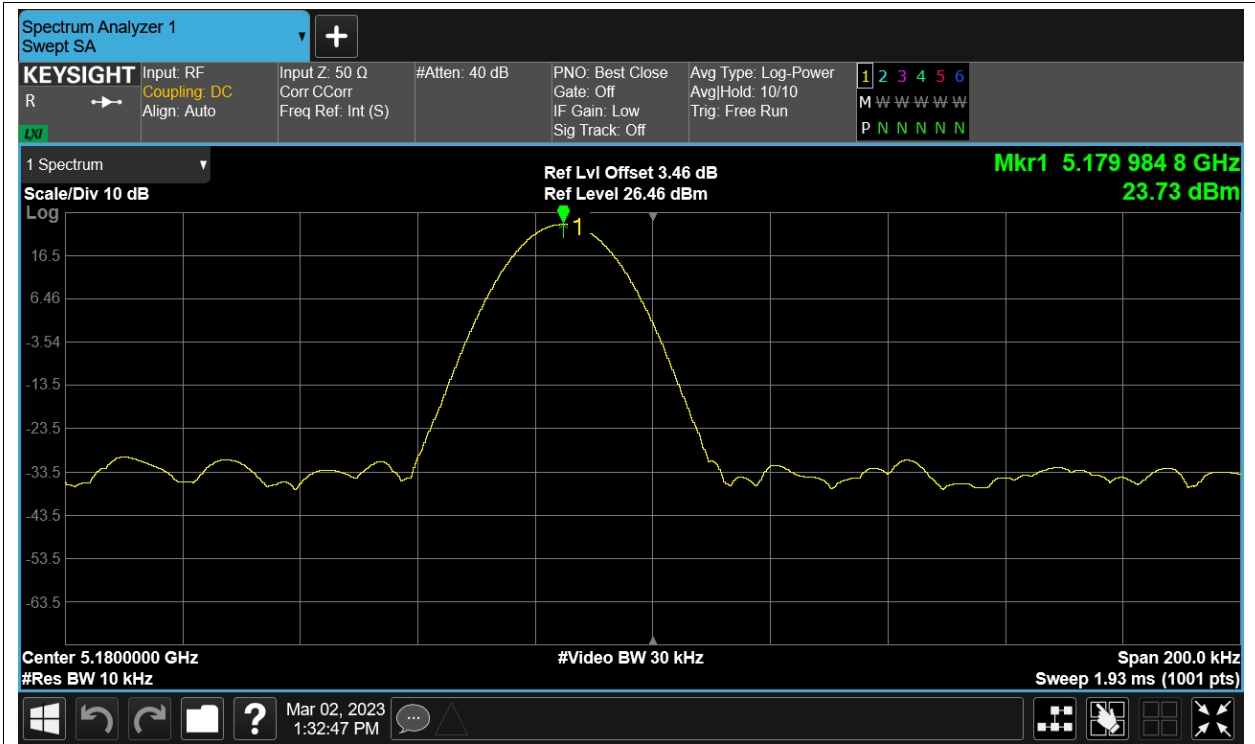
Freq. Stability HVNT a 5180MHz Ant1



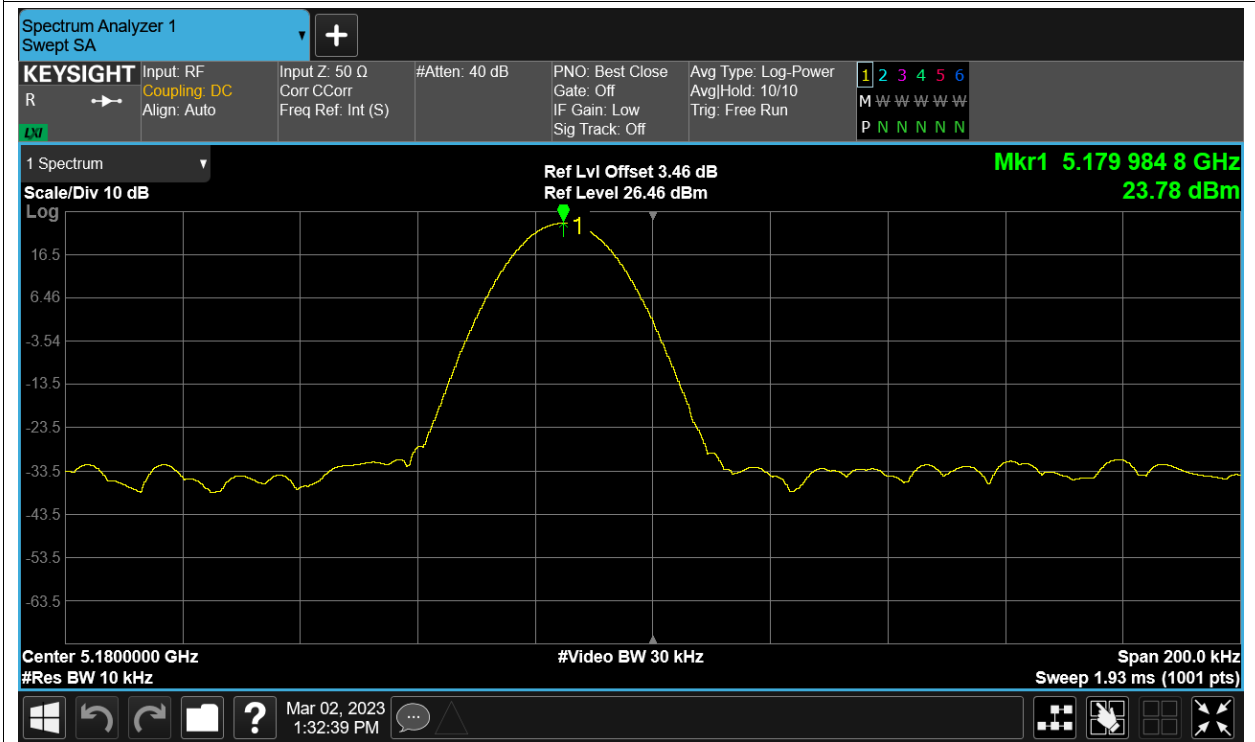
Freq. Stability LVNT a 5180MHz Ant1



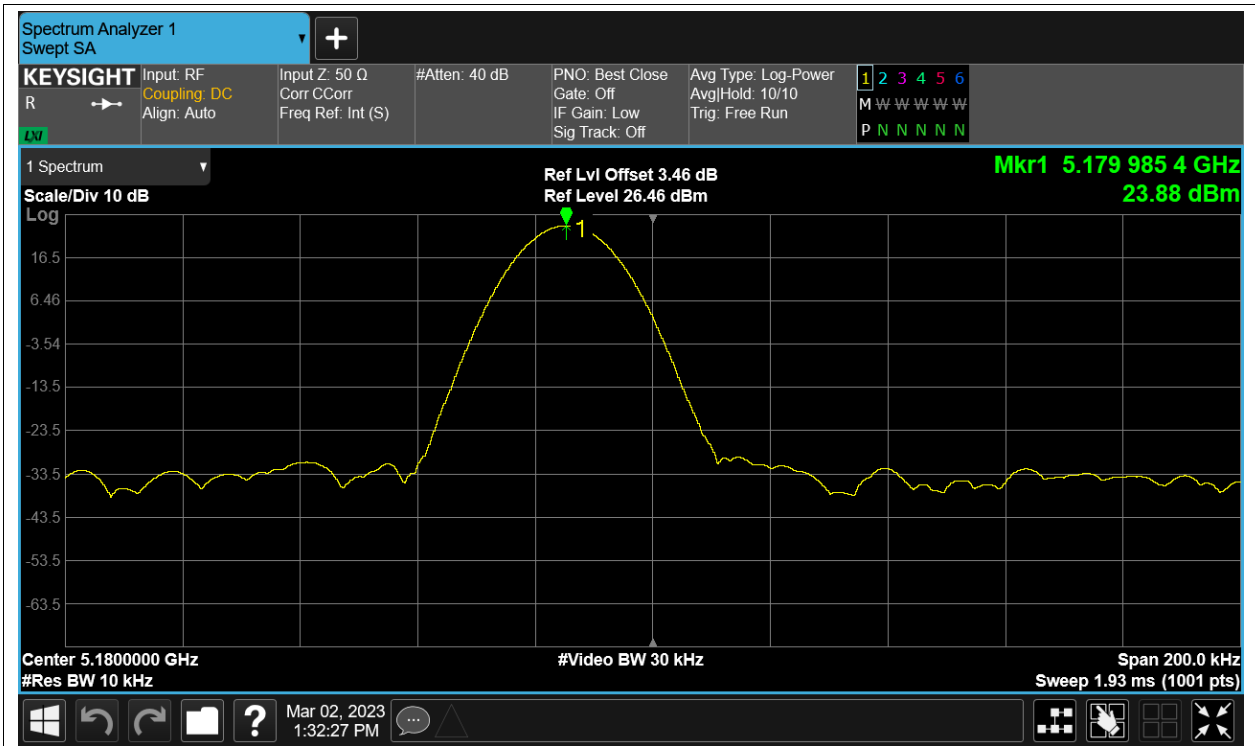
Freq. Stability NVHT a 5180MHz Ant1



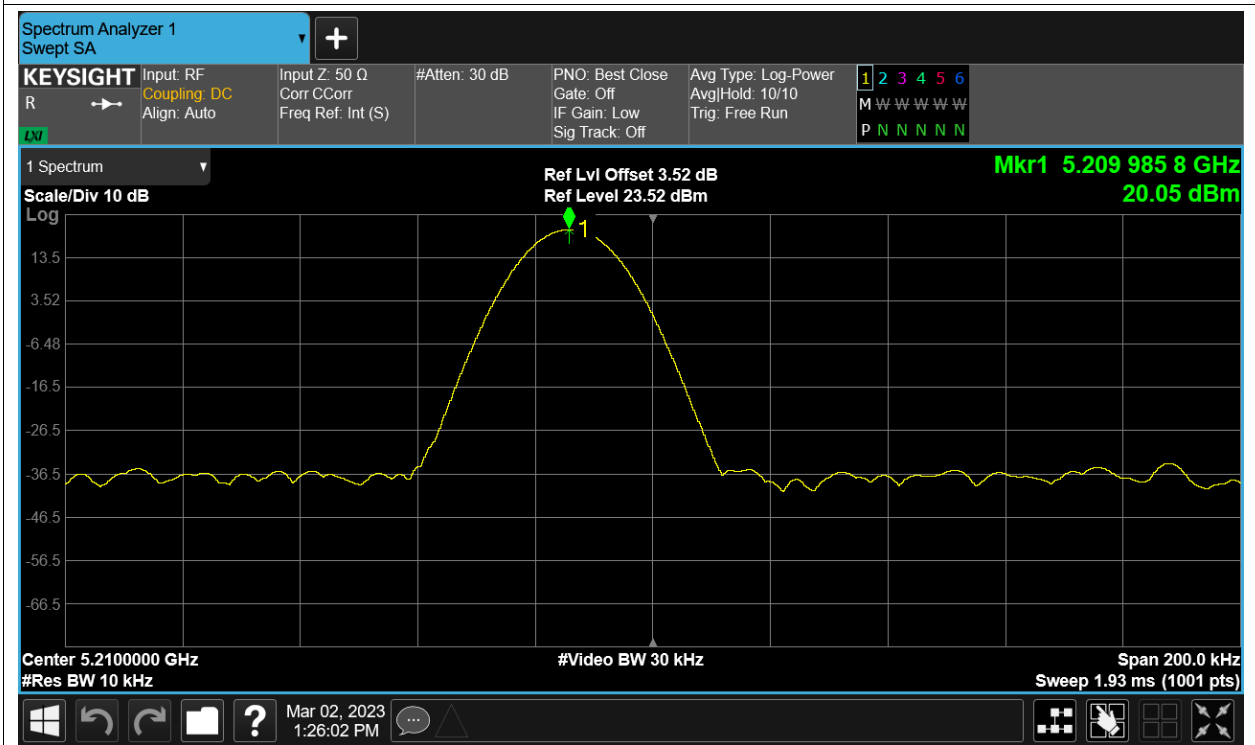
Freq. Stability NVLT a 5180MHz Ant1



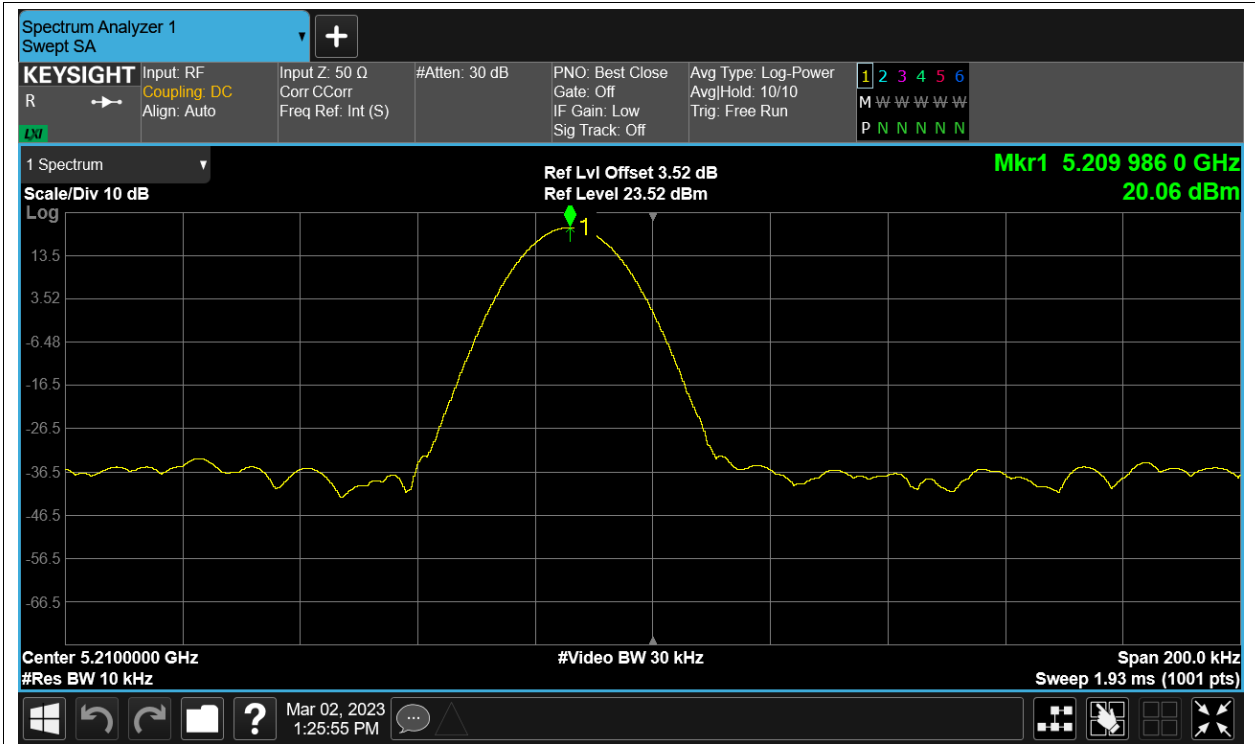
Freq. Stability NVNT a 5180MHz Ant1



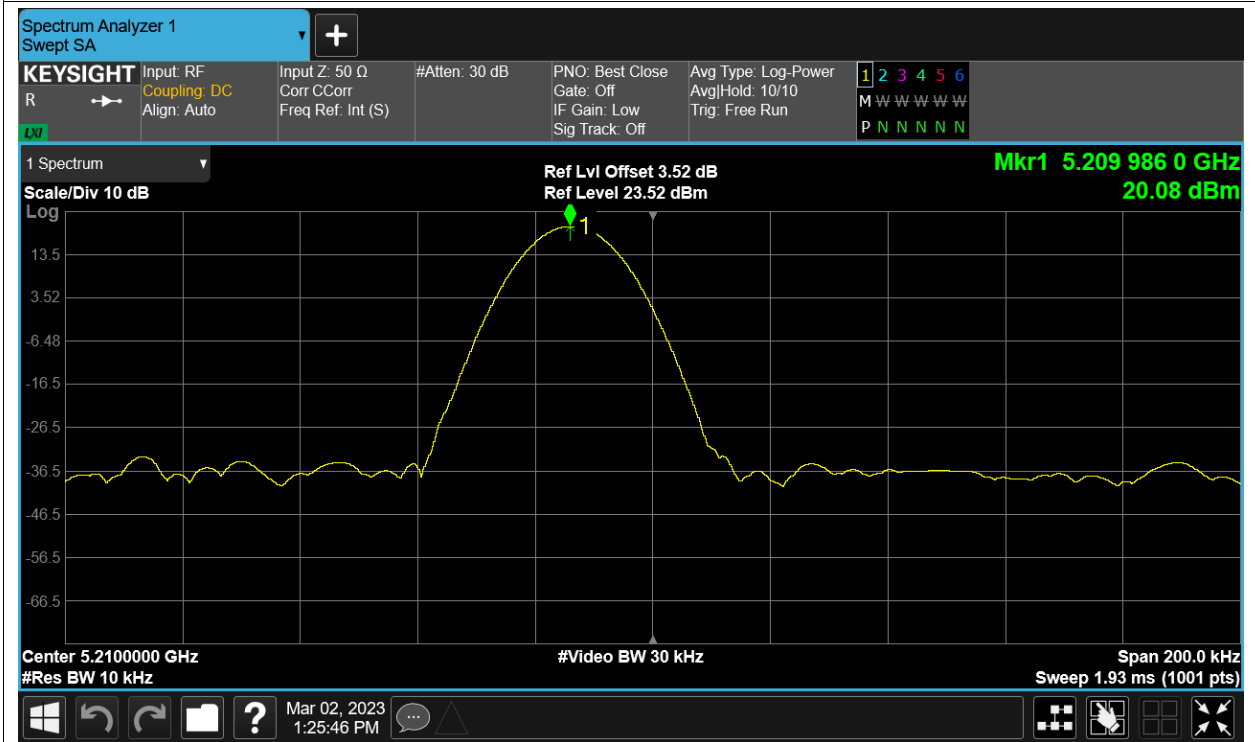
Freq. Stability HVNT ac80 5210MHz Ant1



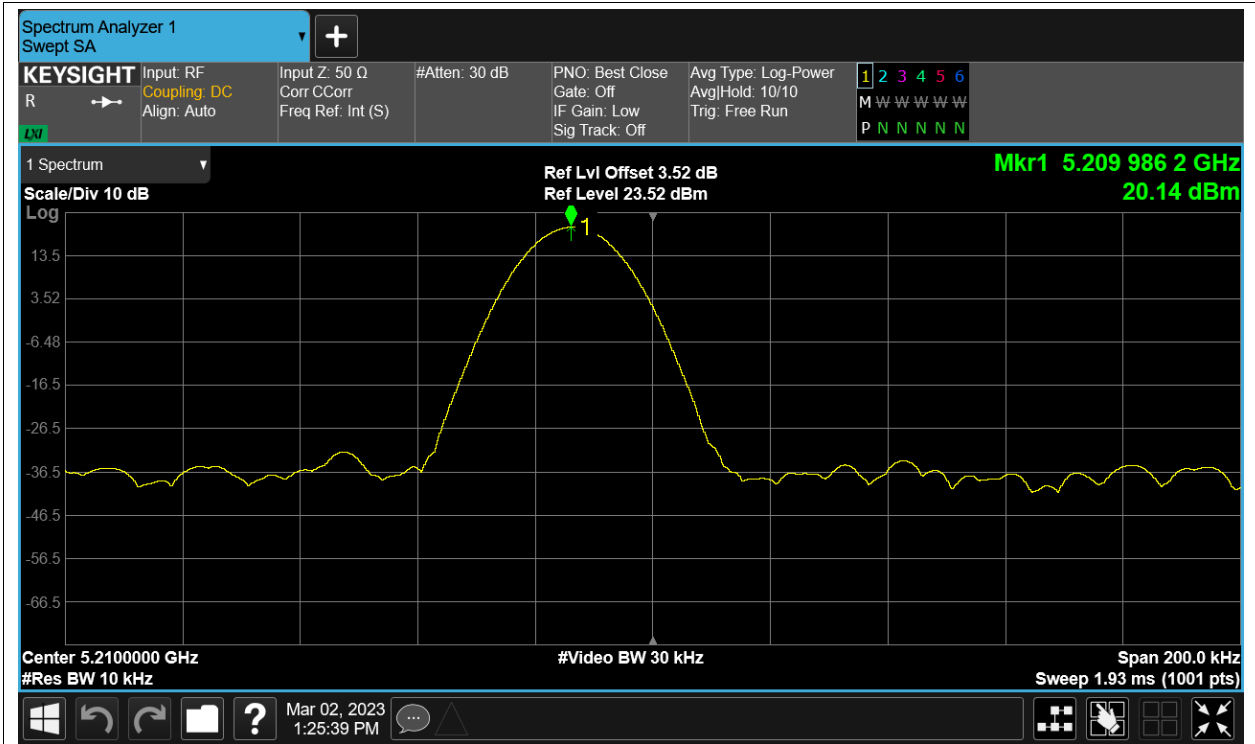
Freq. Stability LVNT ac80 5210MHz Ant1



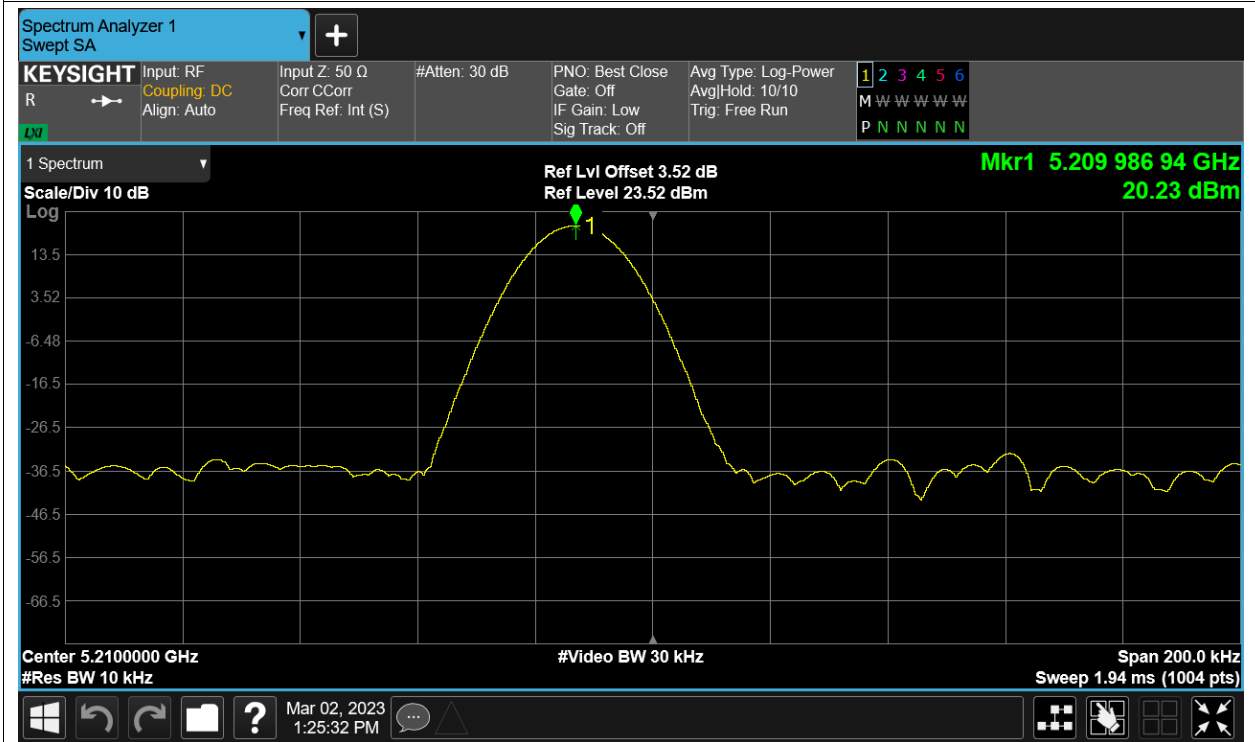
Freq. Stability NVHT ac80 5210MHz Ant1



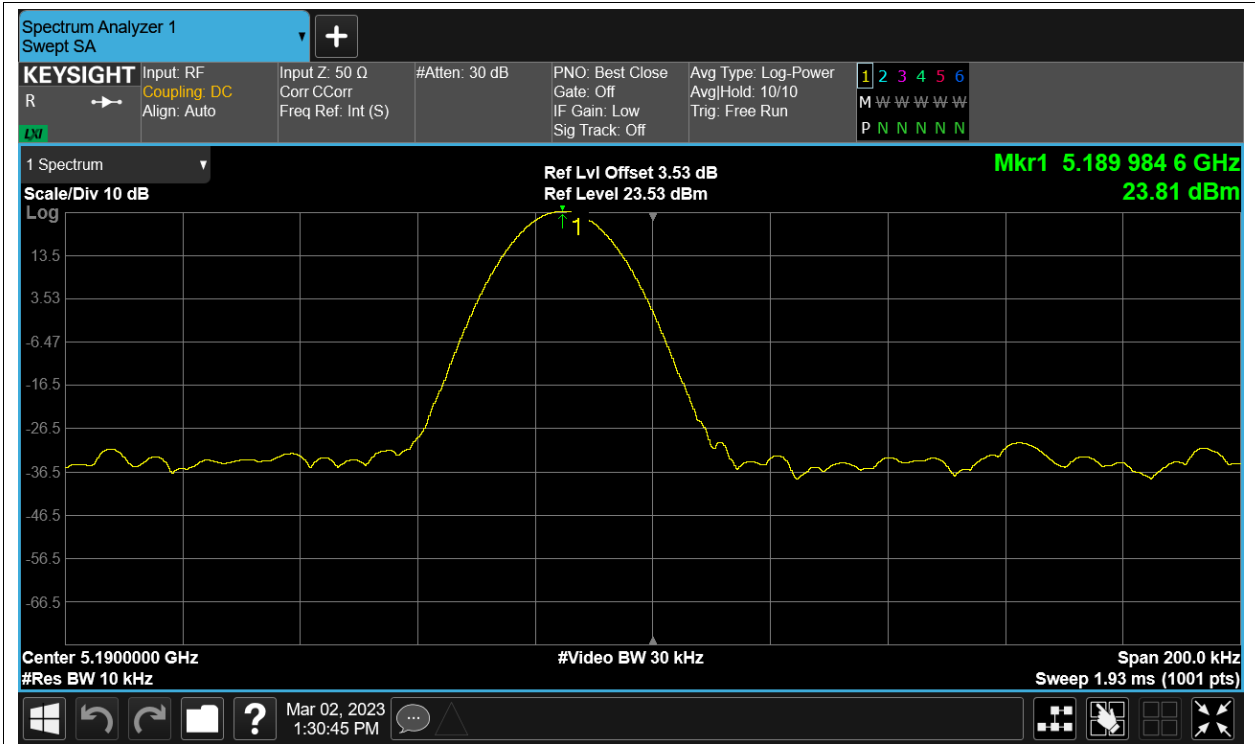
Freq. Stability NVLT ac80 5210MHz Ant1



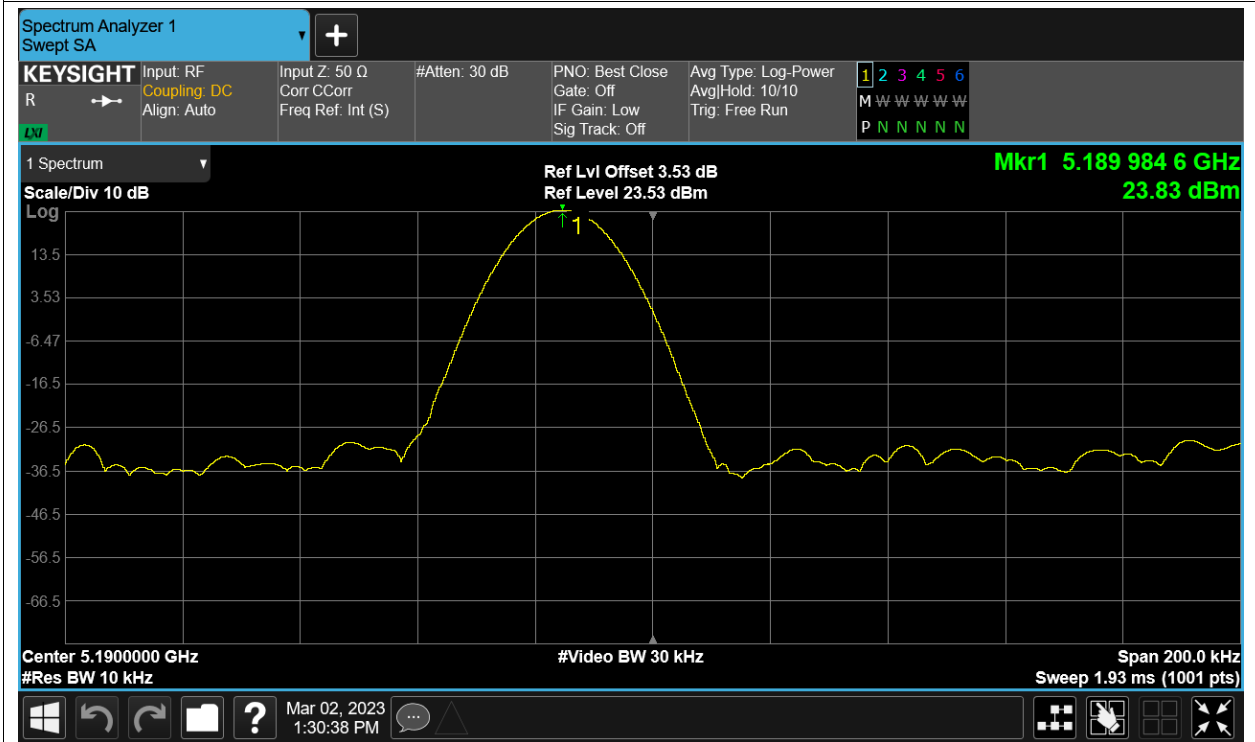
Freq. Stability NVNT ac80 5210MHz Ant1



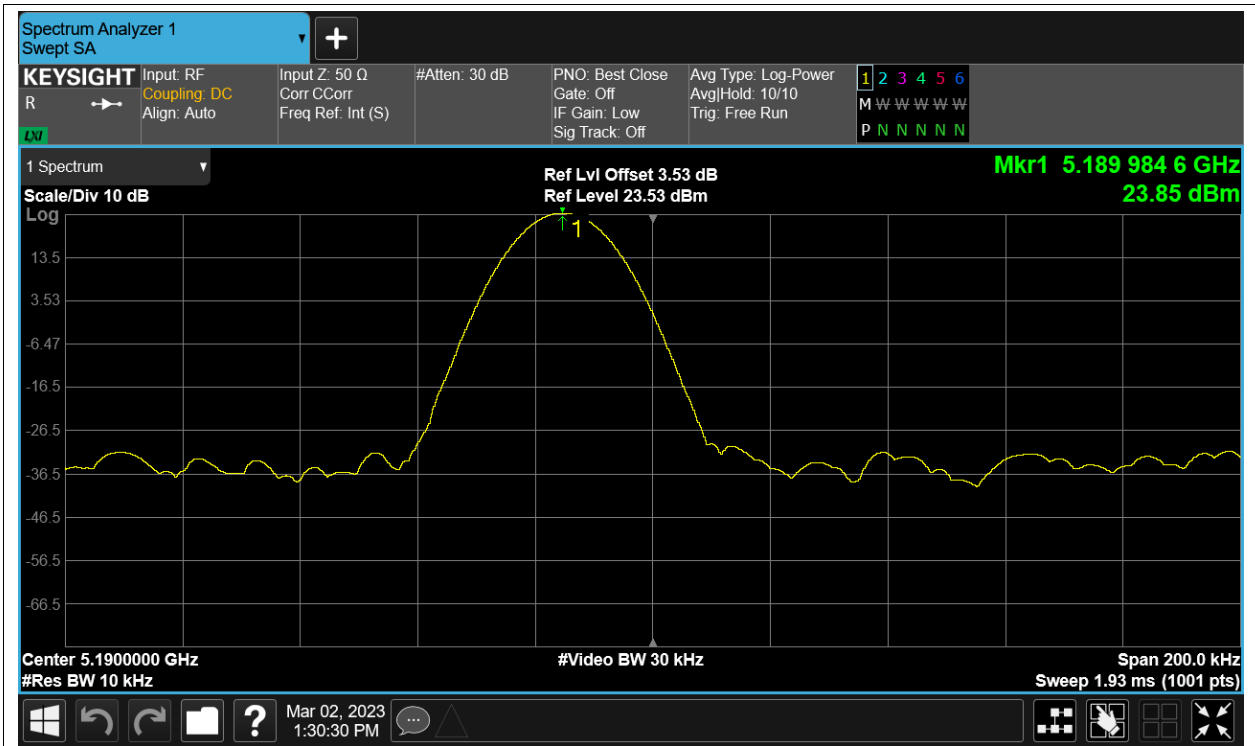
Freq. Stability HVNT n40 5190MHz Ant1



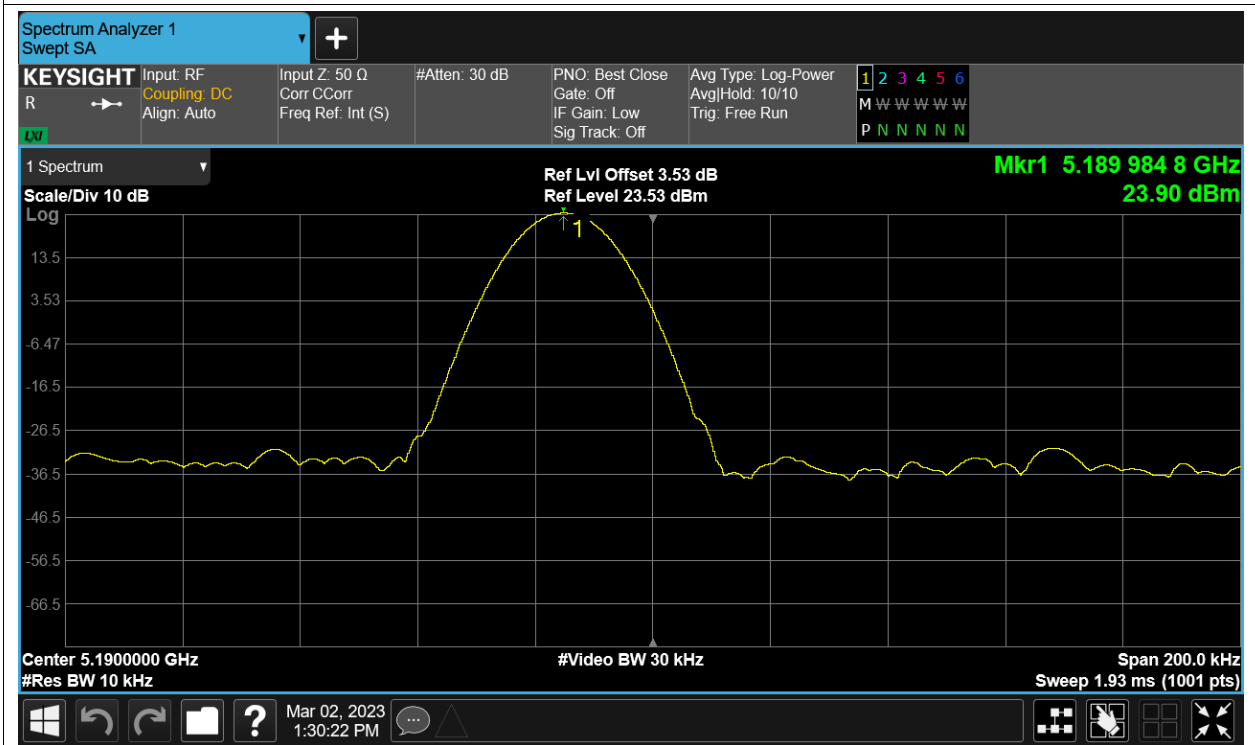
Freq. Stability LVNT n40 5190MHz Ant1



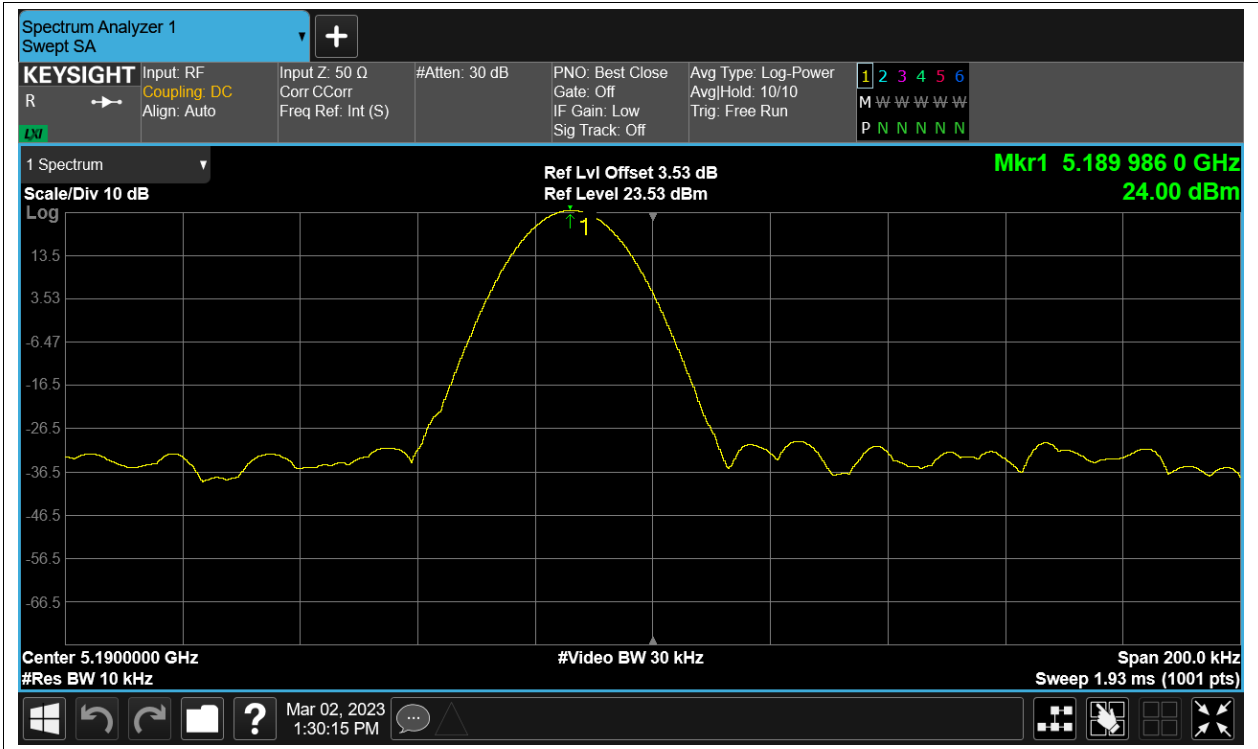
Freq. Stability NVHT n40 5190MHz Ant1



Freq. Stability NVLT n40 5190MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1



Duty Cycle

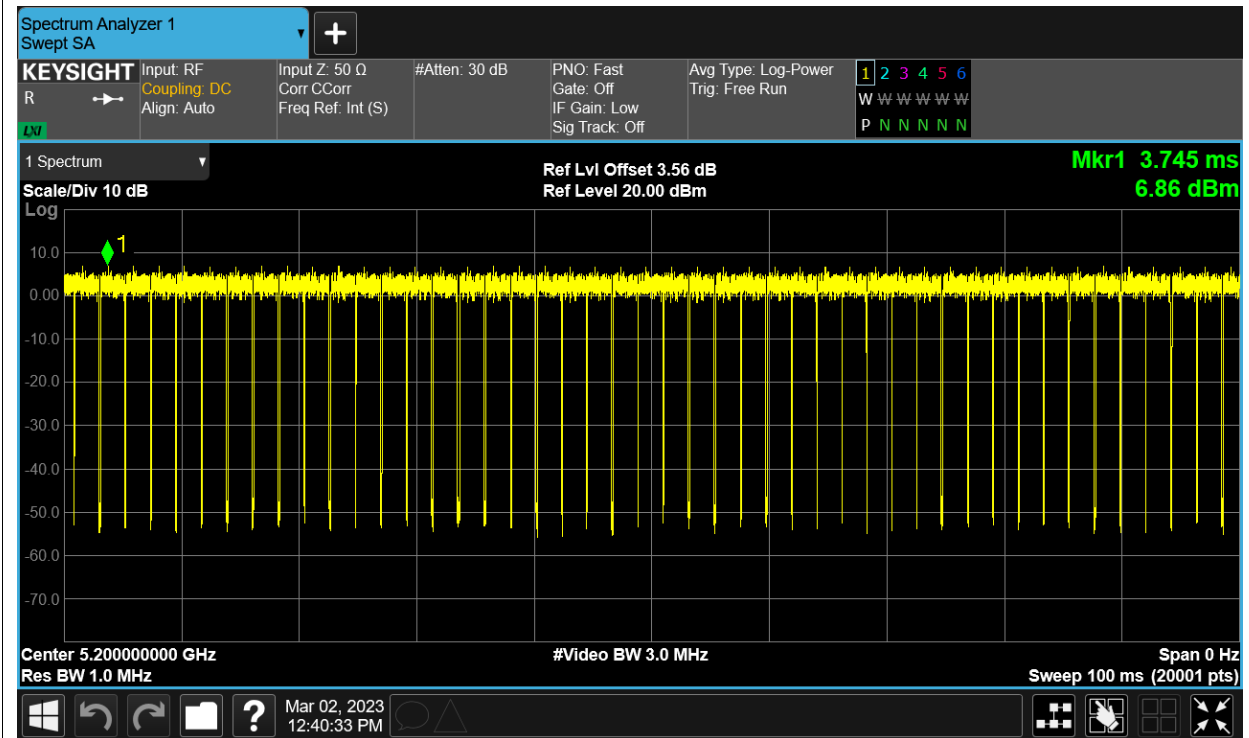
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	94	0.27
NVNT	a	5200	Ant1	95.39	0.2
NVNT	a	5240	Ant1	94.71	0.24
NVNT	ac20	5180	Ant1	93.84	0.28
NVNT	ac20	5200	Ant1	94.83	0.23
NVNT	ac20	5240	Ant1	95.68	0.19
NVNT	ac40	5190	Ant1	87	0.61
NVNT	ac40	5230	Ant1	87.62	0.57
NVNT	ac80	5210	Ant1	79.14	1.02
NVNT	n20	5180	Ant1	92.84	0.32
NVNT	n20	5200	Ant1	94.89	0.23
NVNT	n20	5240	Ant1	94.62	0.24
NVNT	n40	5190	Ant1	79.59	0.99
NVNT	n40	5230	Ant1	89.24	0.49

Test Graphs

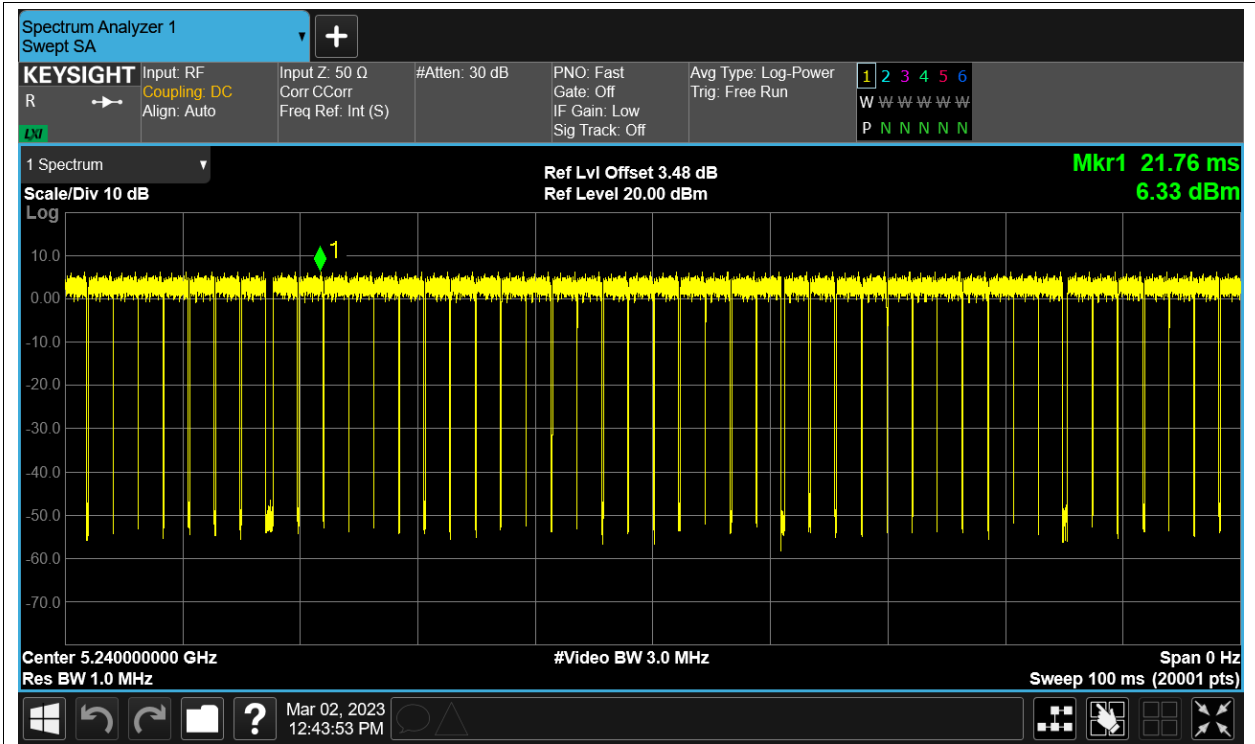
Duty Cycle NVNT a 5180MHz Ant1



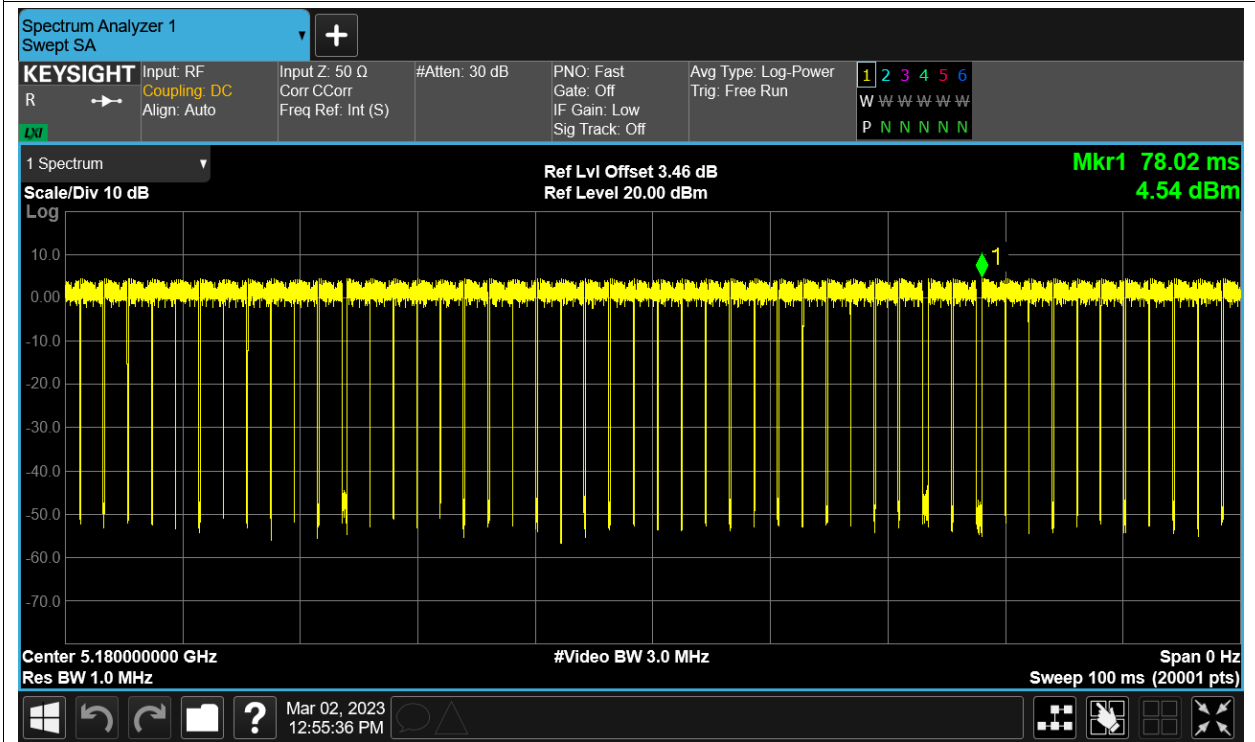
Duty Cycle NVNT a 5200MHz Ant1



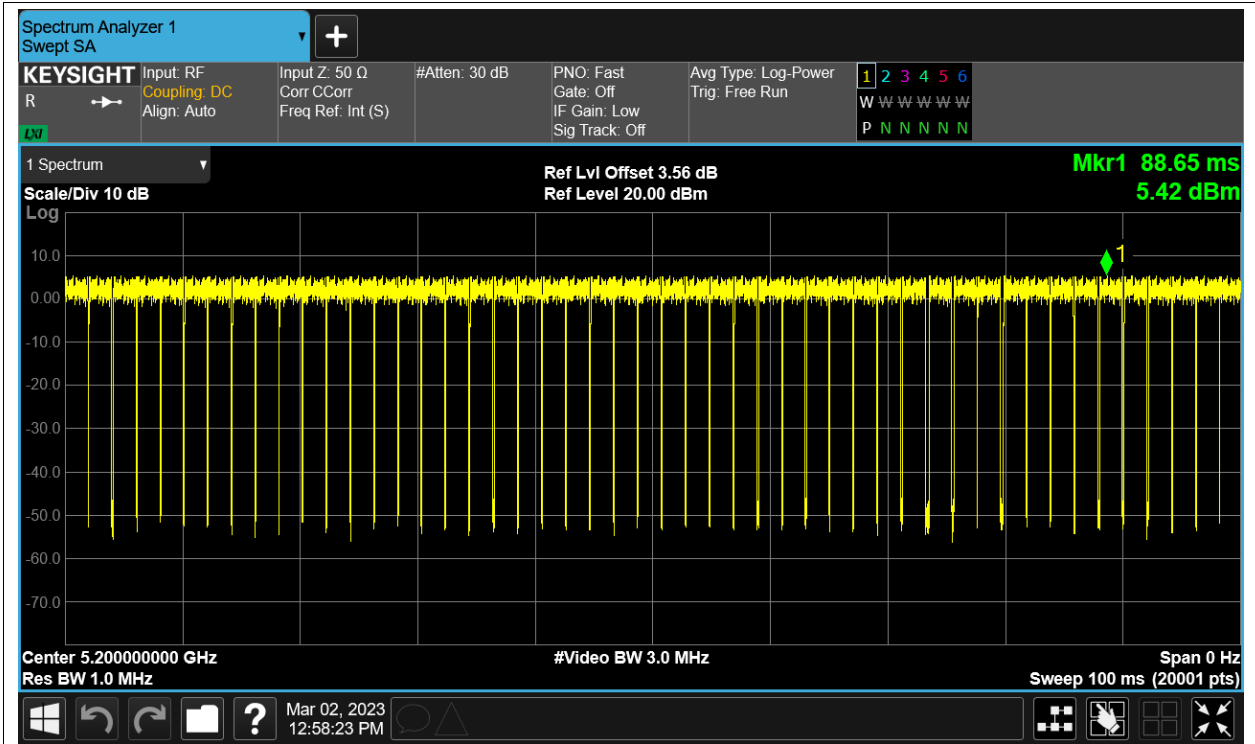
Duty Cycle NVNT a 5240MHz Ant1



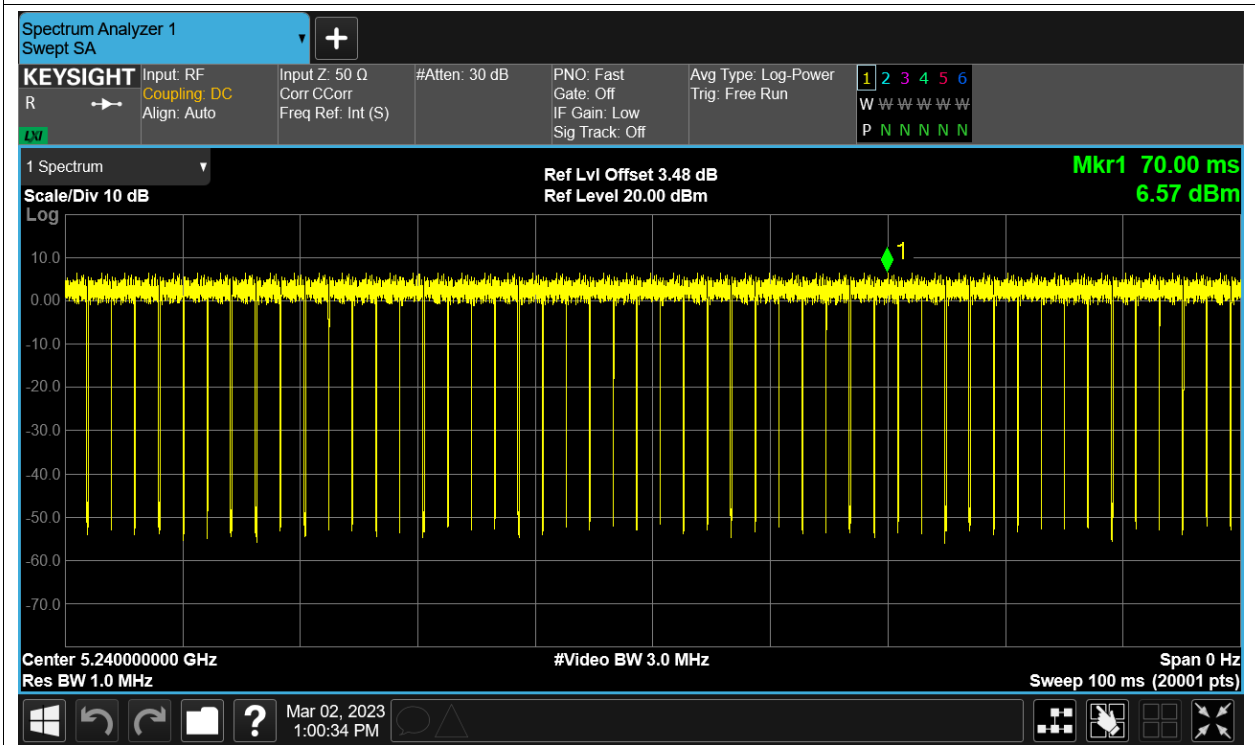
Duty Cycle NVNT ac20 5180MHz Ant1



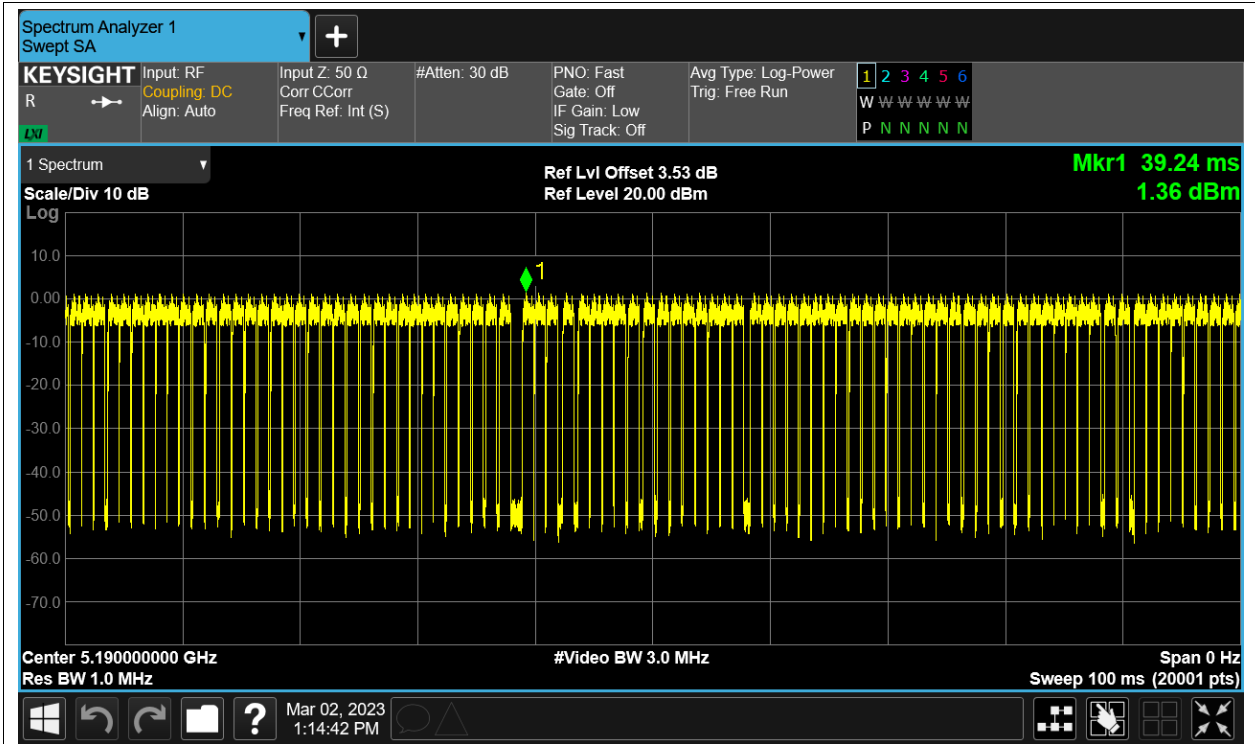
Duty Cycle NVNT ac20 5200MHz Ant1



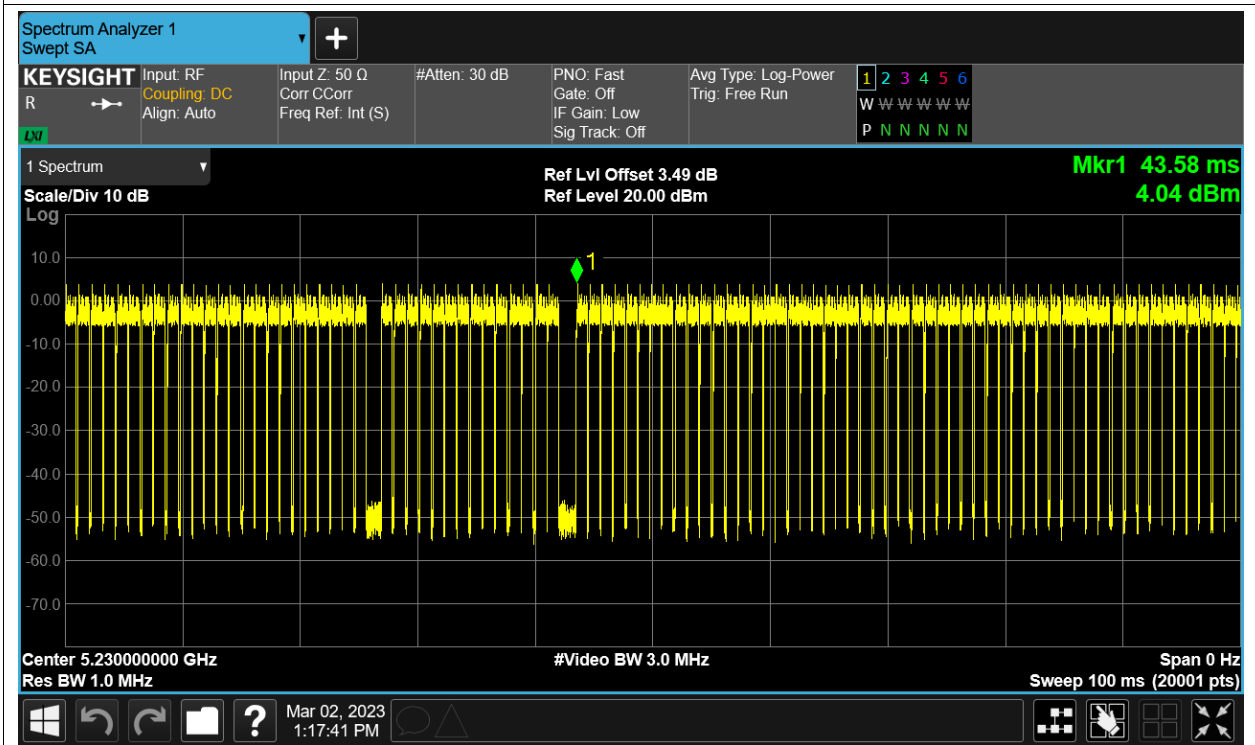
Duty Cycle NVNT ac20 5240MHz Ant1



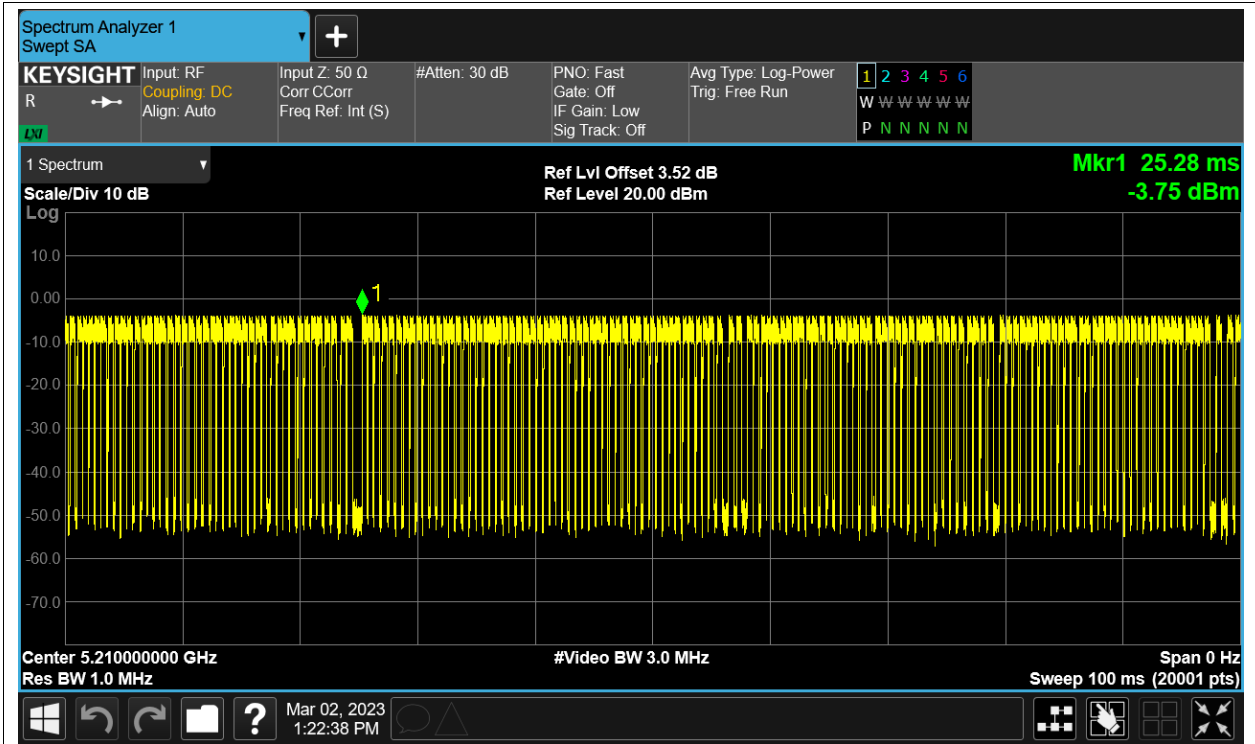
Duty Cycle NVNT ac40 5190MHz Ant1



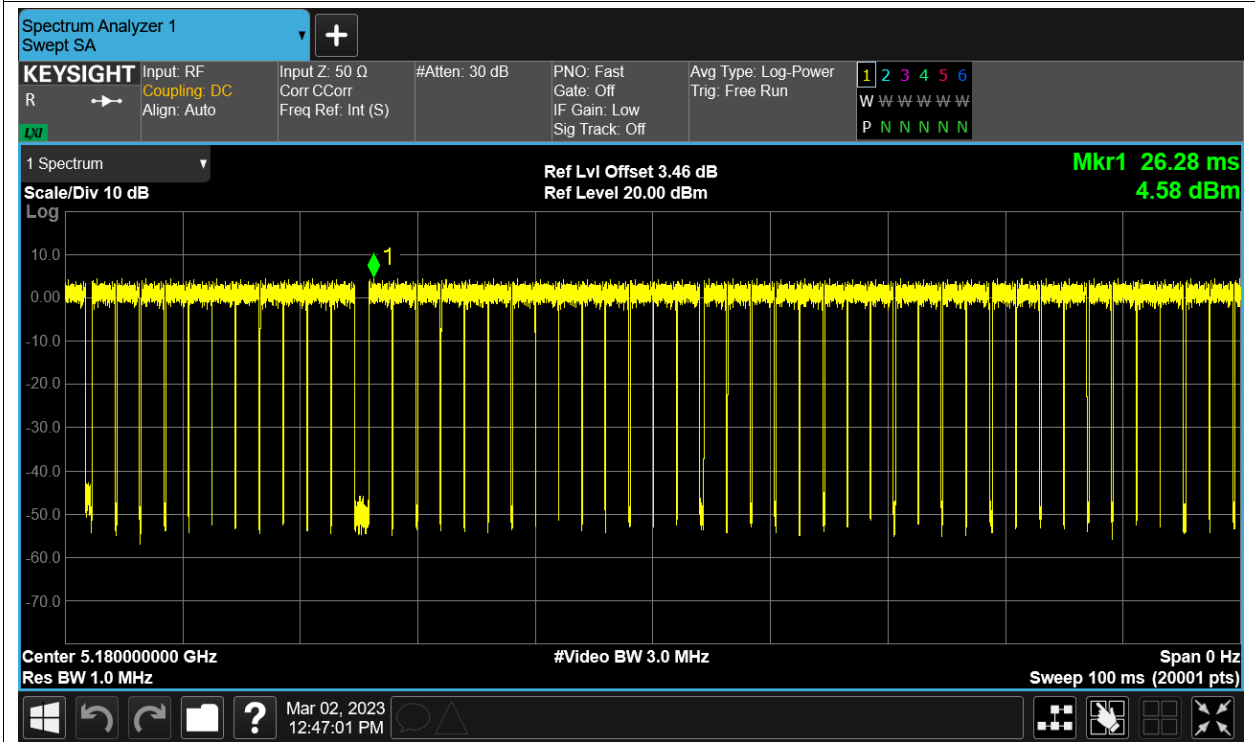
Duty Cycle NVNT ac40 5230MHz Ant1



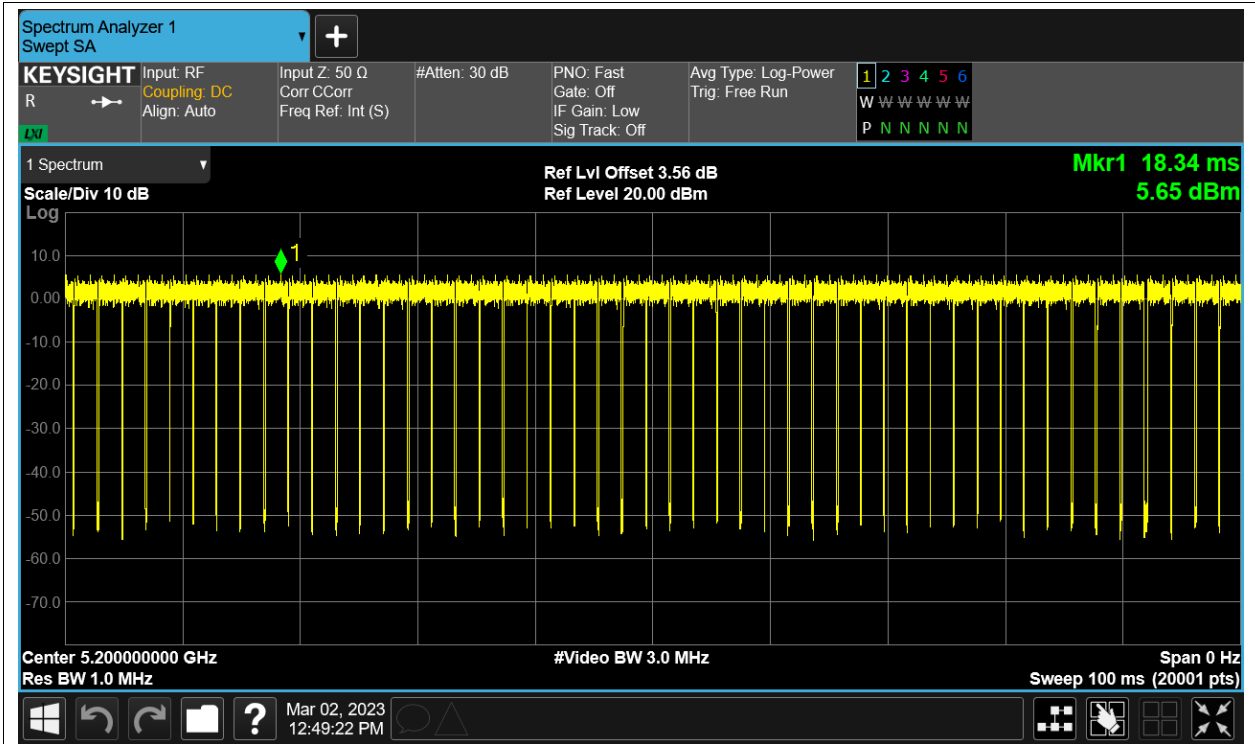
Duty Cycle NVNT ac80 5210MHz Ant1



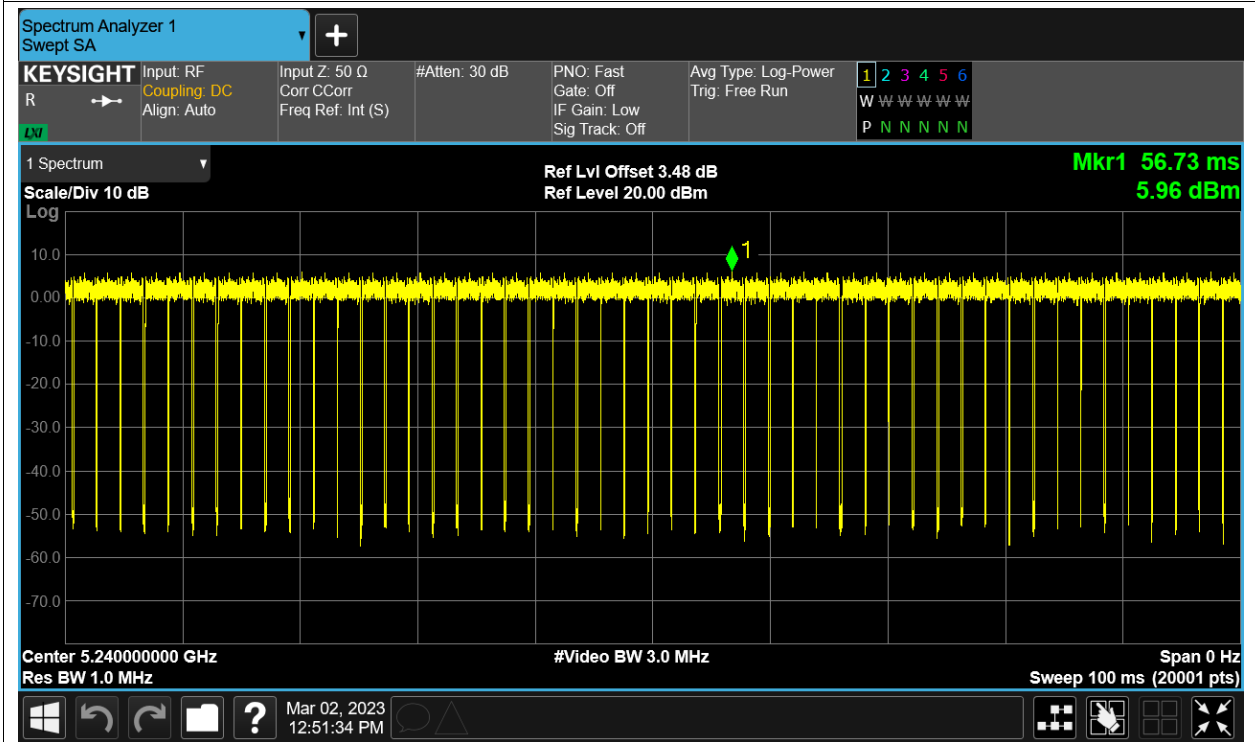
Duty Cycle NVNT n20 5180MHz Ant1



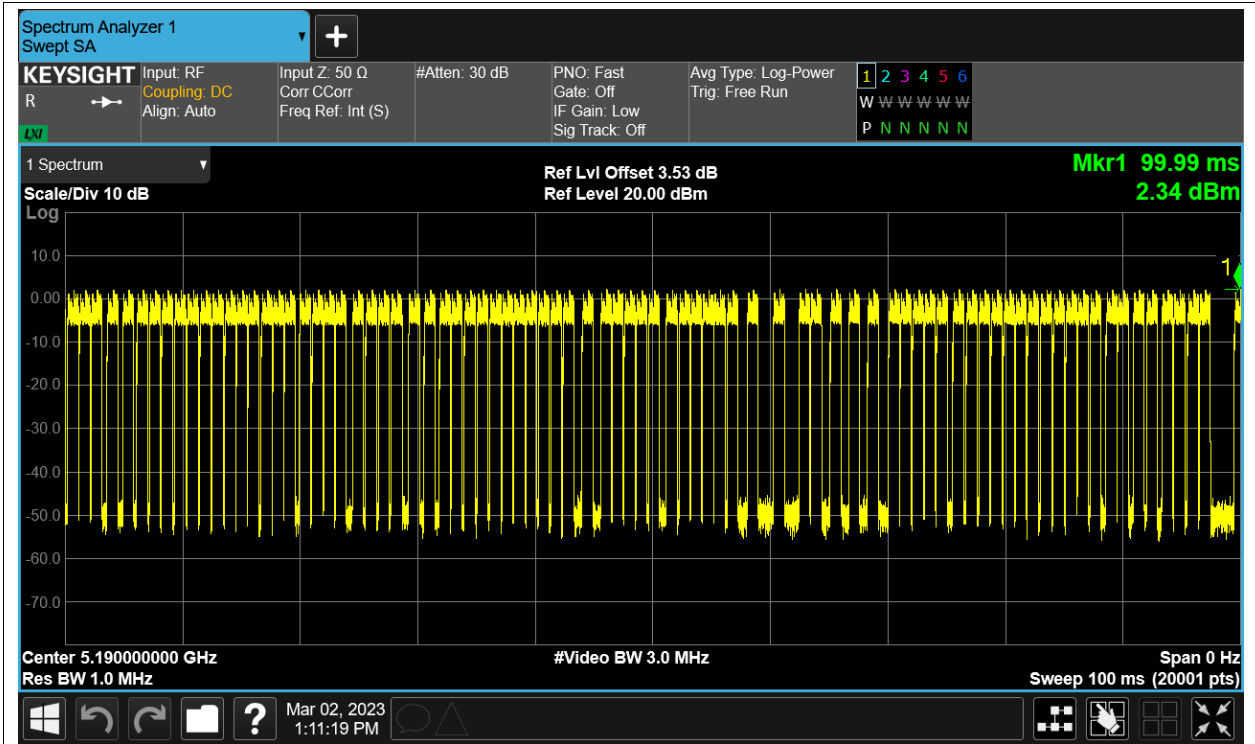
Duty Cycle NVNT n20 5200MHz Ant1



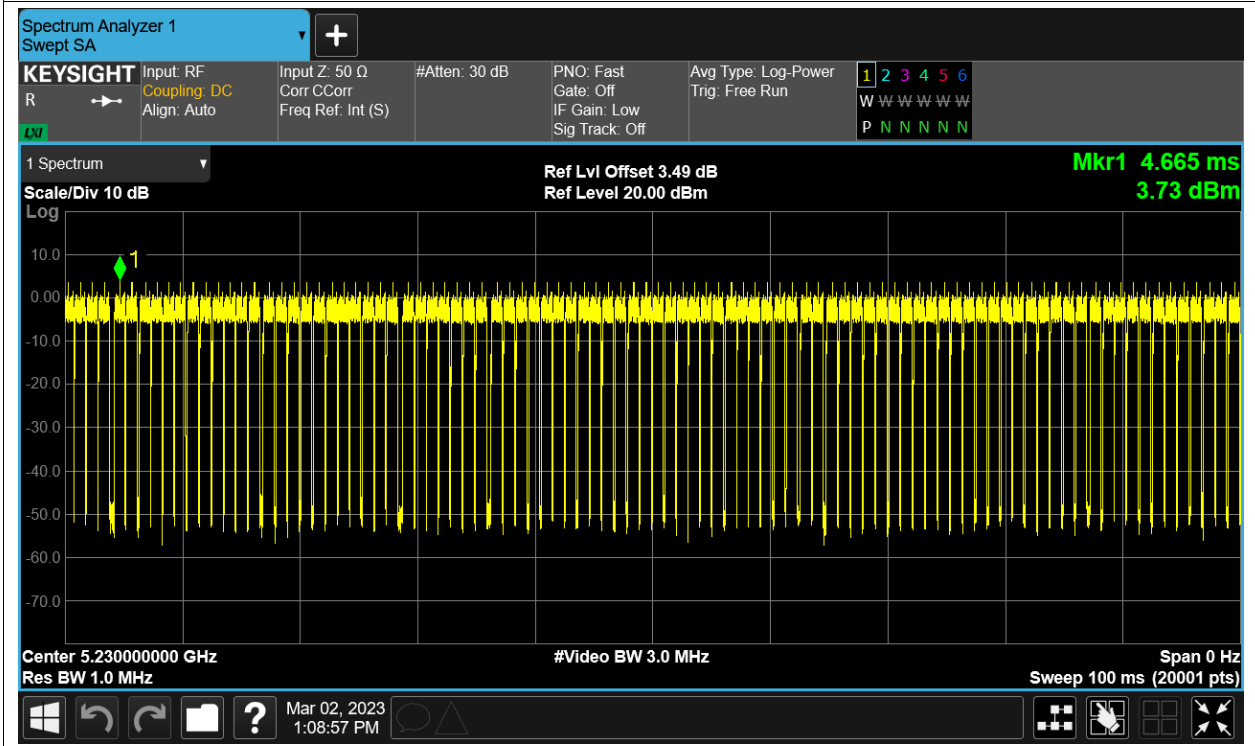
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1

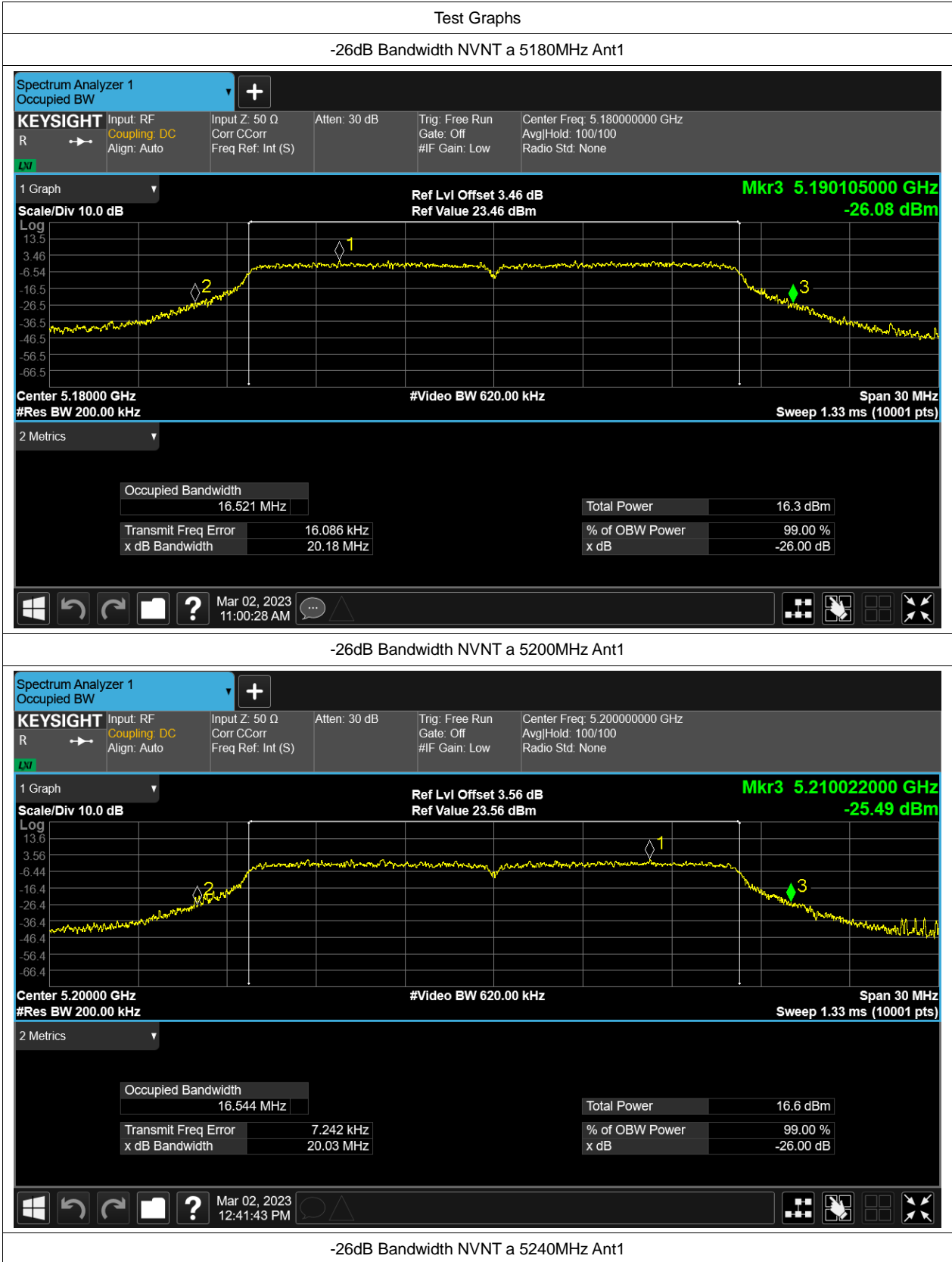


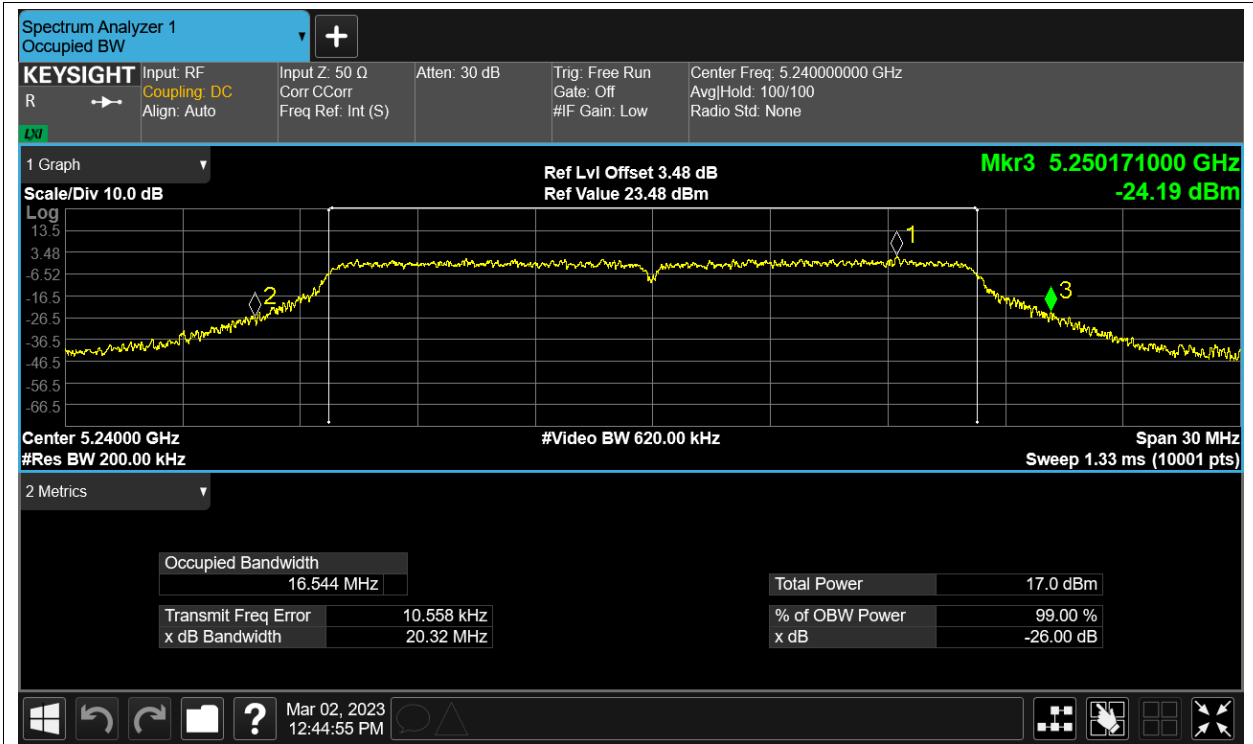
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.8	0.27	12.07	24	Pass
NVNT	a	5200	Ant1	11.86	0.2	12.06	24	Pass
NVNT	a	5240	Ant1	12.52	0.24	12.76	24	Pass
NVNT	ac20	5180	Ant1	11.62	0.28	11.9	24	Pass
NVNT	ac20	5200	Ant1	11.55	0.23	11.78	24	Pass
NVNT	ac20	5240	Ant1	12.08	0.19	12.27	24	Pass
NVNT	ac40	5190	Ant1	12.1	0.61	12.71	24	Pass
NVNT	ac40	5230	Ant1	12.78	0.57	13.35	24	Pass
NVNT	ac80	5210	Ant1	10.31	1.02	11.33	24	Pass
NVNT	n20	5180	Ant1	11.09	0.32	11.41	24	Pass
NVNT	n20	5200	Ant1	11.03	0.23	11.26	24	Pass
NVNT	n20	5240	Ant1	11.86	0.24	12.1	24	Pass
NVNT	n40	5190	Ant1	12.07	0.99	13.06	24	Pass
NVNT	n40	5230	Ant1	12.46	0.49	12.95	24	Pass

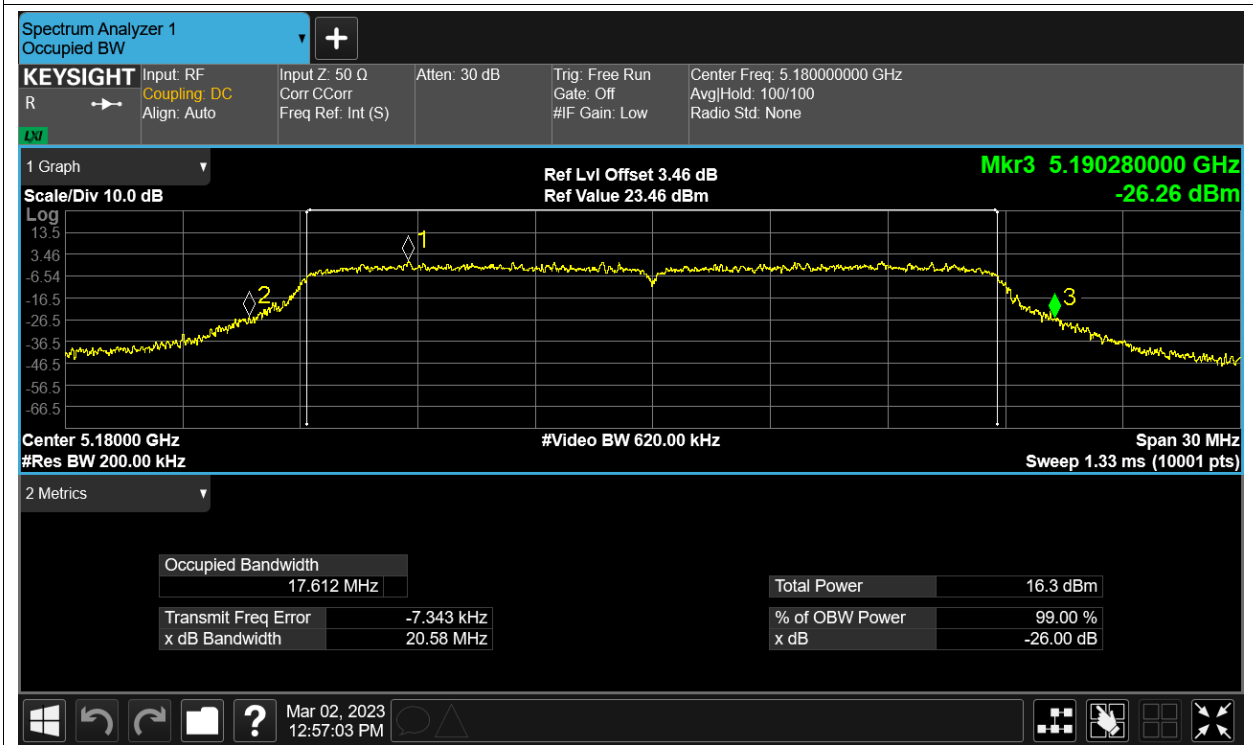
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	20.177
NVNT	a	5200	Ant1	20.03
NVNT	a	5240	Ant1	20.32
NVNT	ac20	5180	Ant1	20.575
NVNT	ac20	5200	Ant1	20.522
NVNT	ac20	5240	Ant1	20.5
NVNT	ac40	5190	Ant1	39.317
NVNT	ac40	5230	Ant1	39.273
NVNT	ac80	5210	Ant1	78.165
NVNT	n20	5180	Ant1	20.636
NVNT	n20	5200	Ant1	20.417
NVNT	n20	5240	Ant1	20.697
NVNT	n40	5190	Ant1	39.866
NVNT	n40	5230	Ant1	39.365

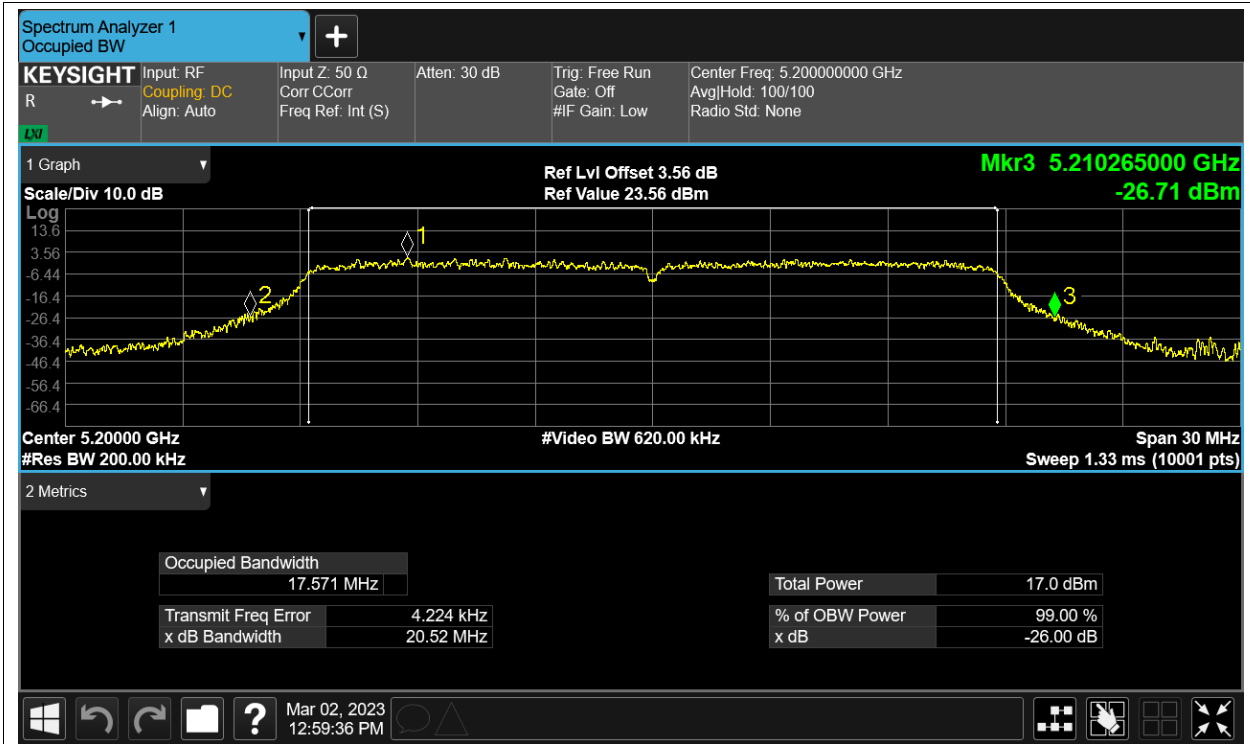




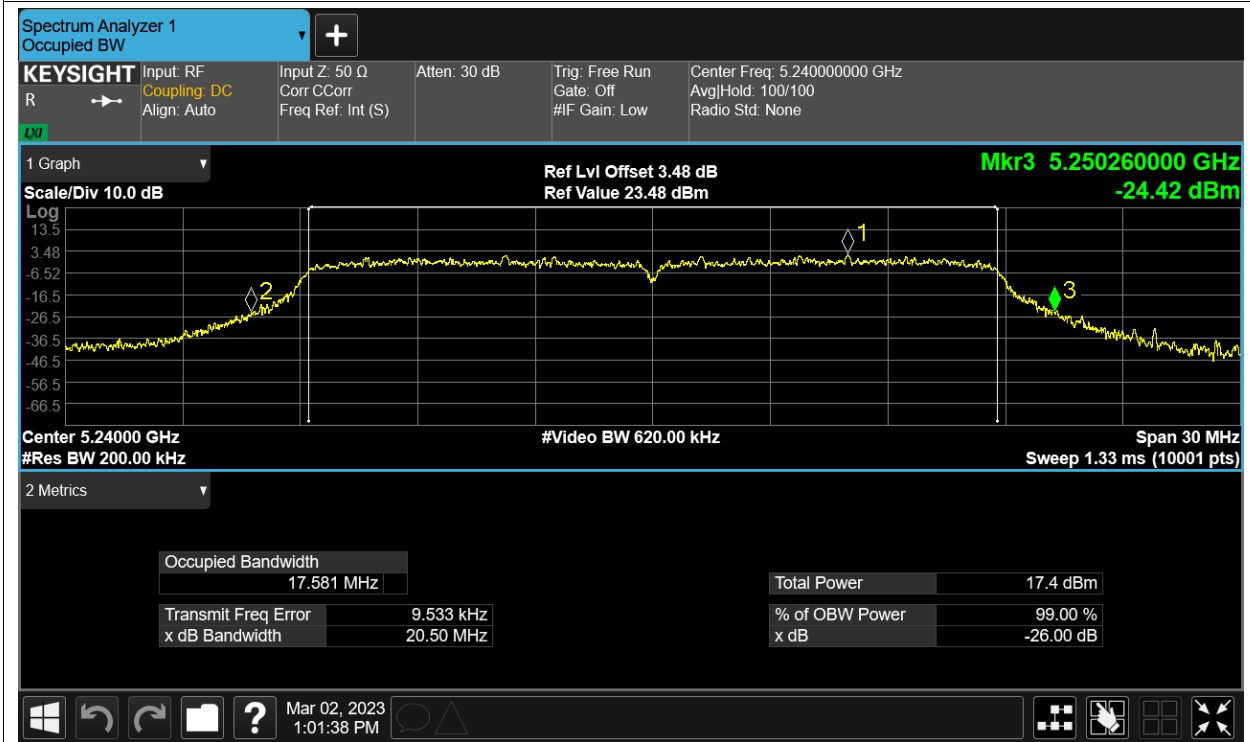
-26dB Bandwidth NVNT ac20 5180MHz Ant1



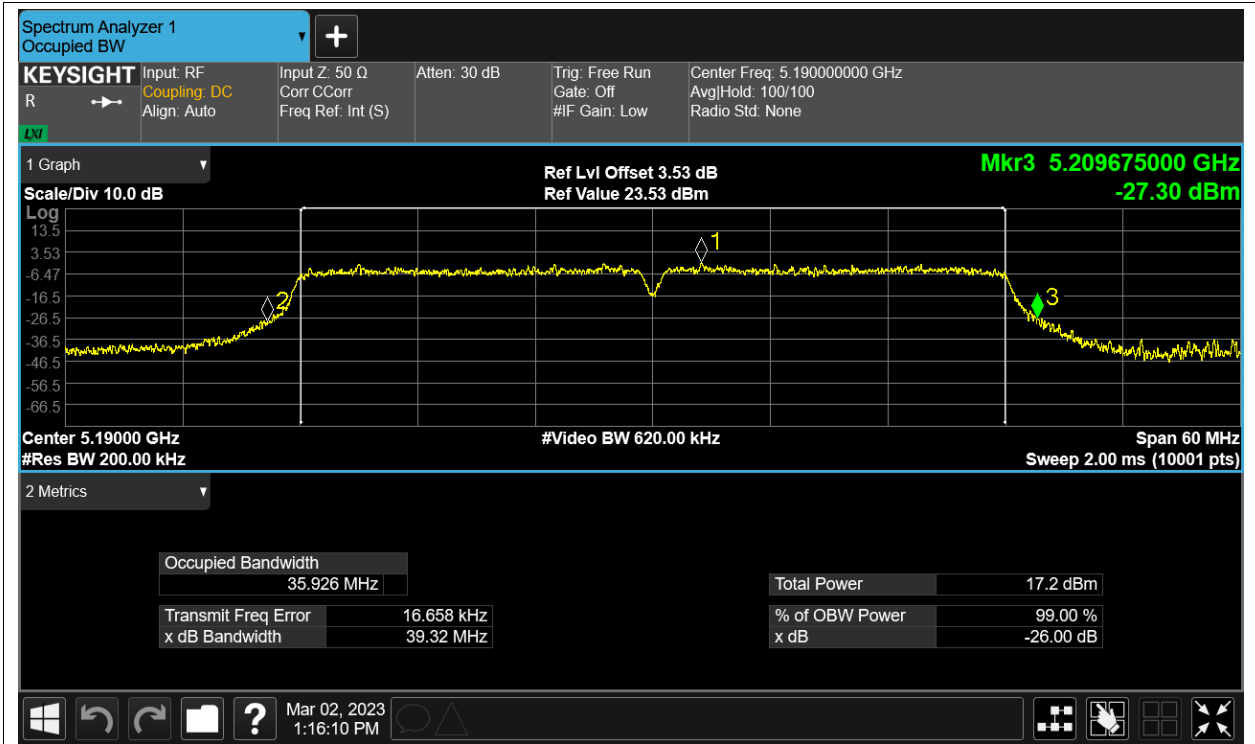
-26dB Bandwidth NVNT ac20 5200MHz Ant1



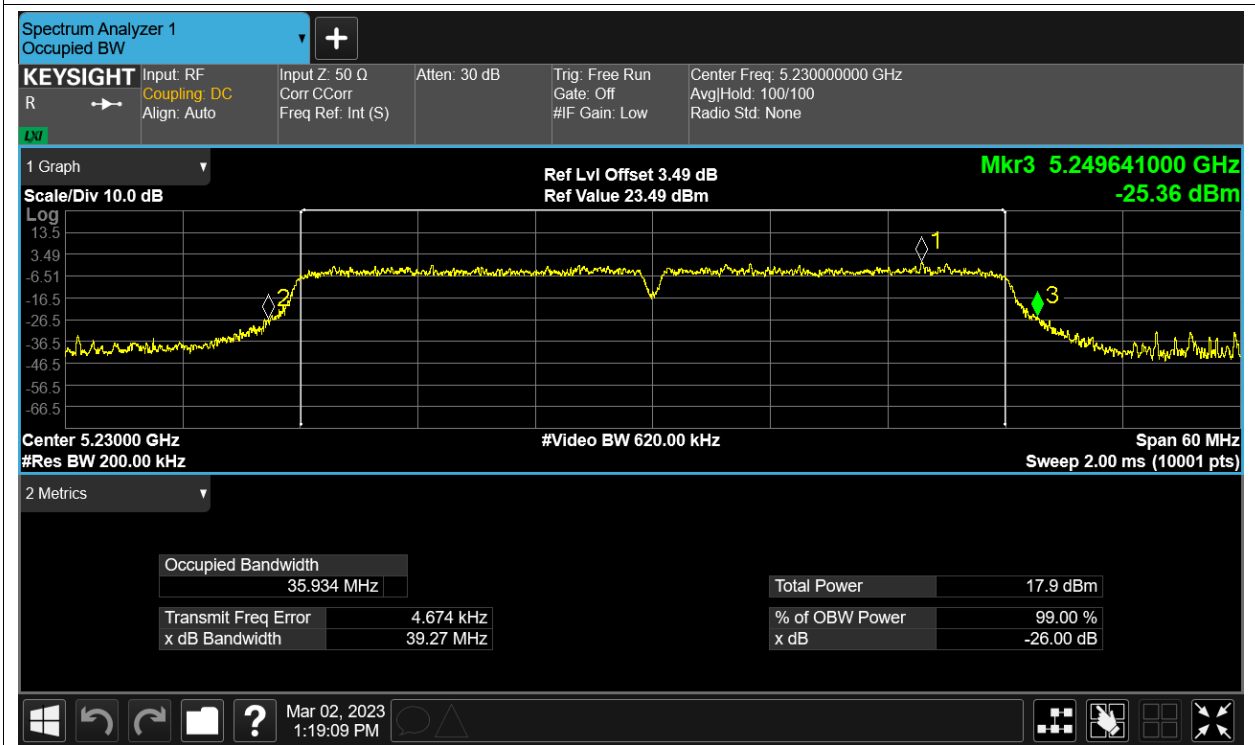
-26dB Bandwidth NVNT ac20 5240MHz Ant1



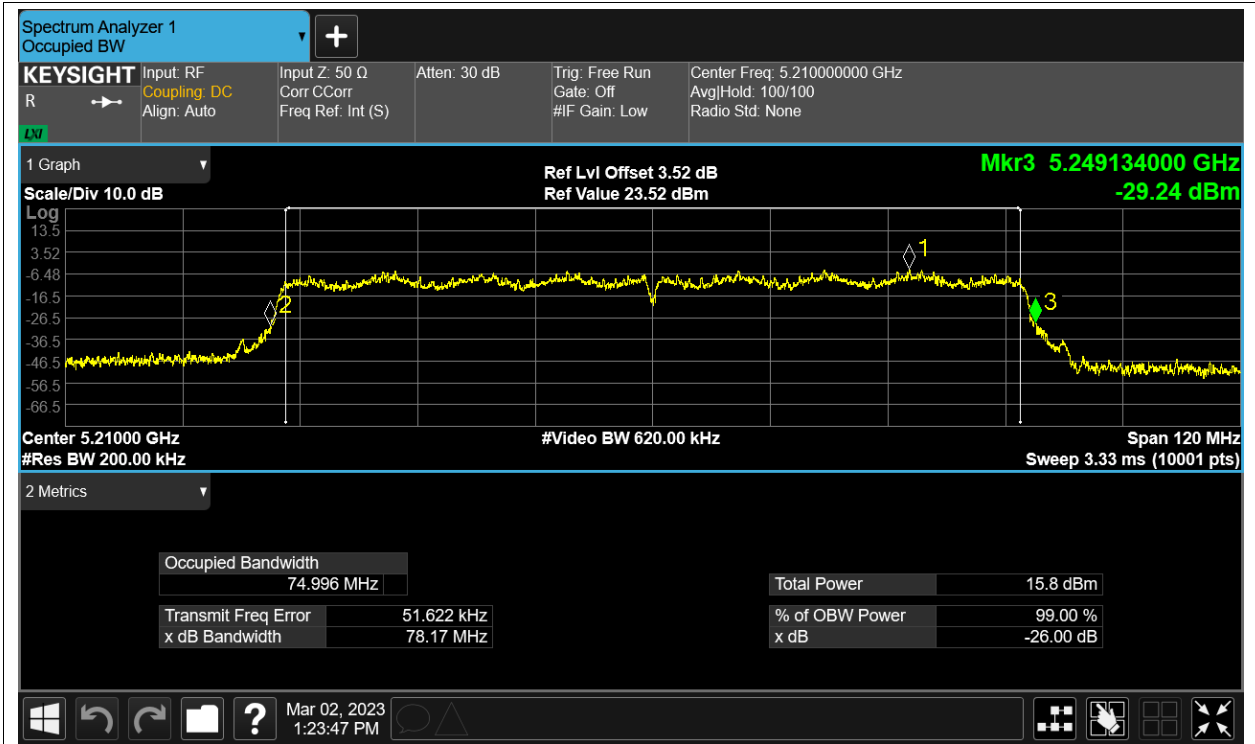
-26dB Bandwidth NVNT ac40 5190MHz Ant1



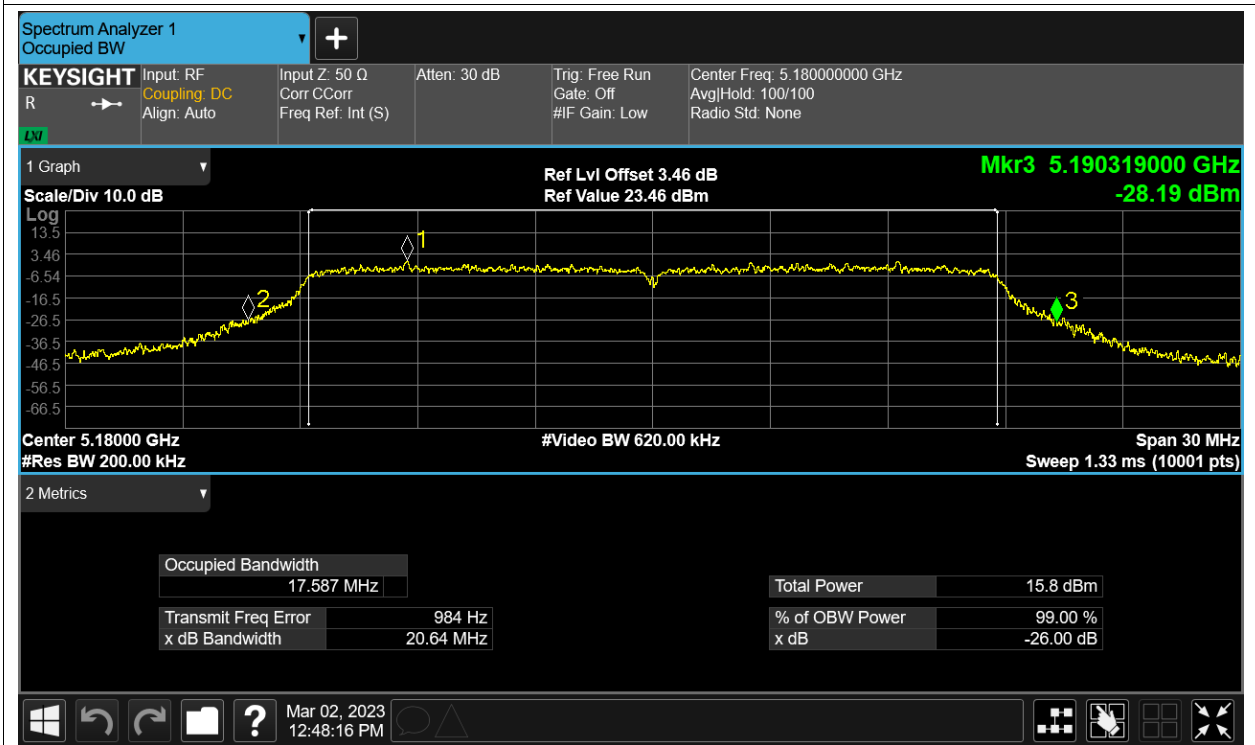
-26dB Bandwidth NVNT ac40 5230MHz Ant1



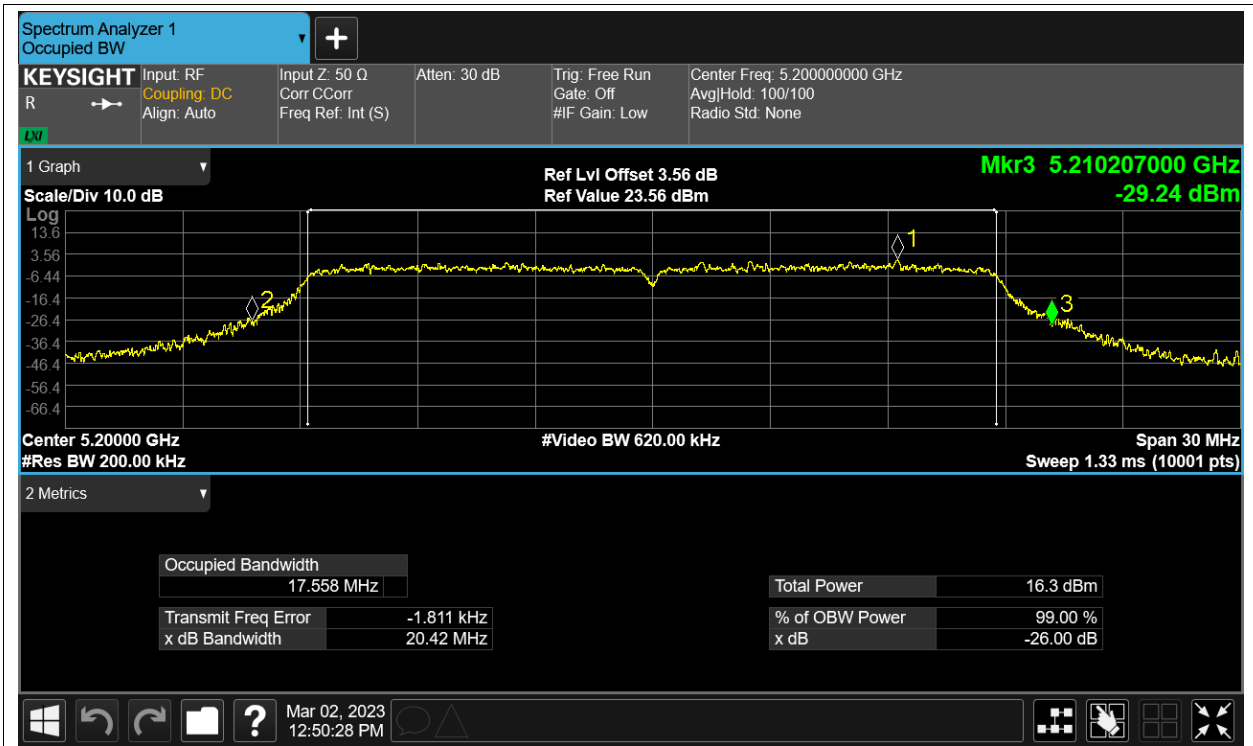
-26dB Bandwidth NVNT ac80 5210MHz Ant1



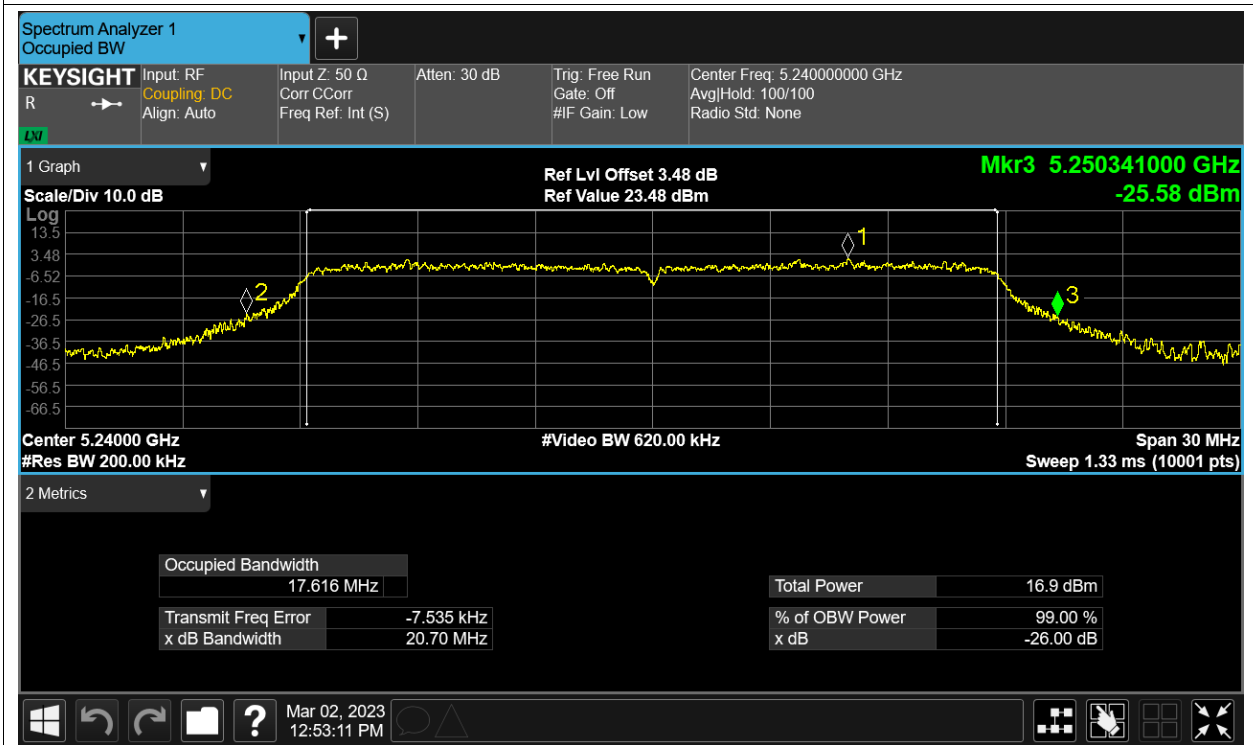
-26dB Bandwidth NVNT n20 5180MHz Ant1



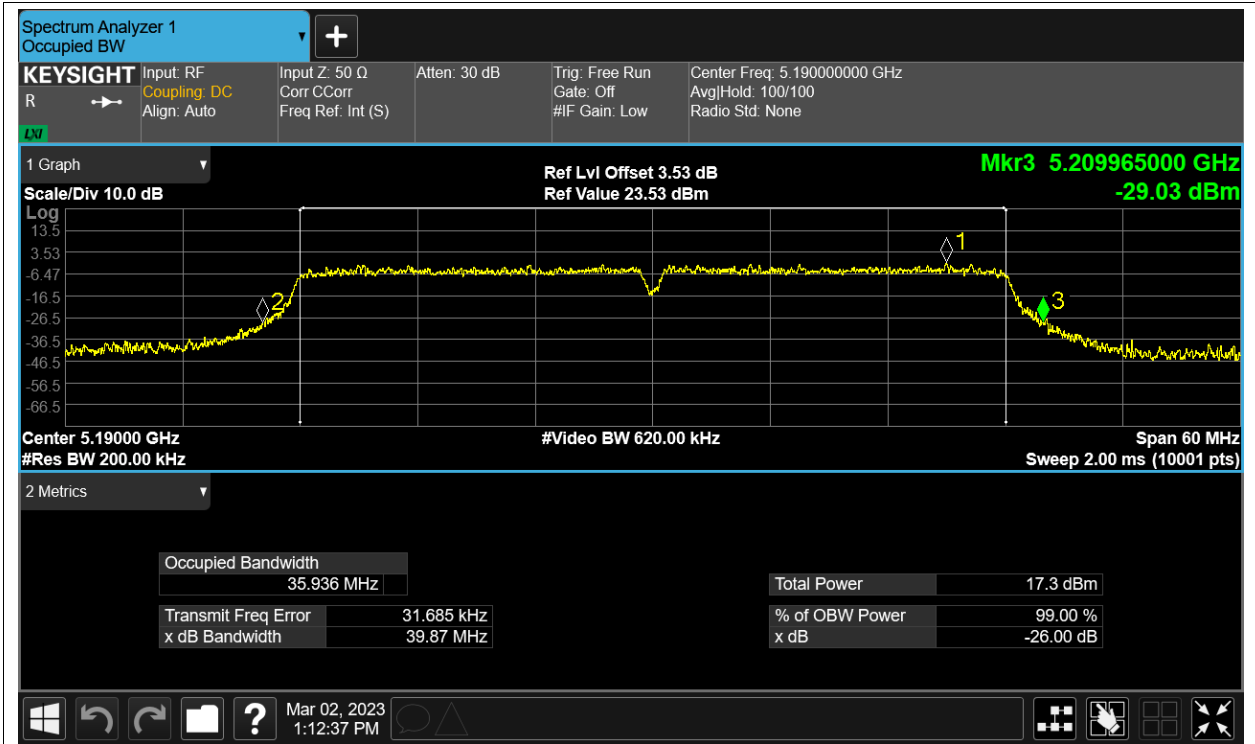
-26dB Bandwidth NVNT n20 5200MHz Ant1



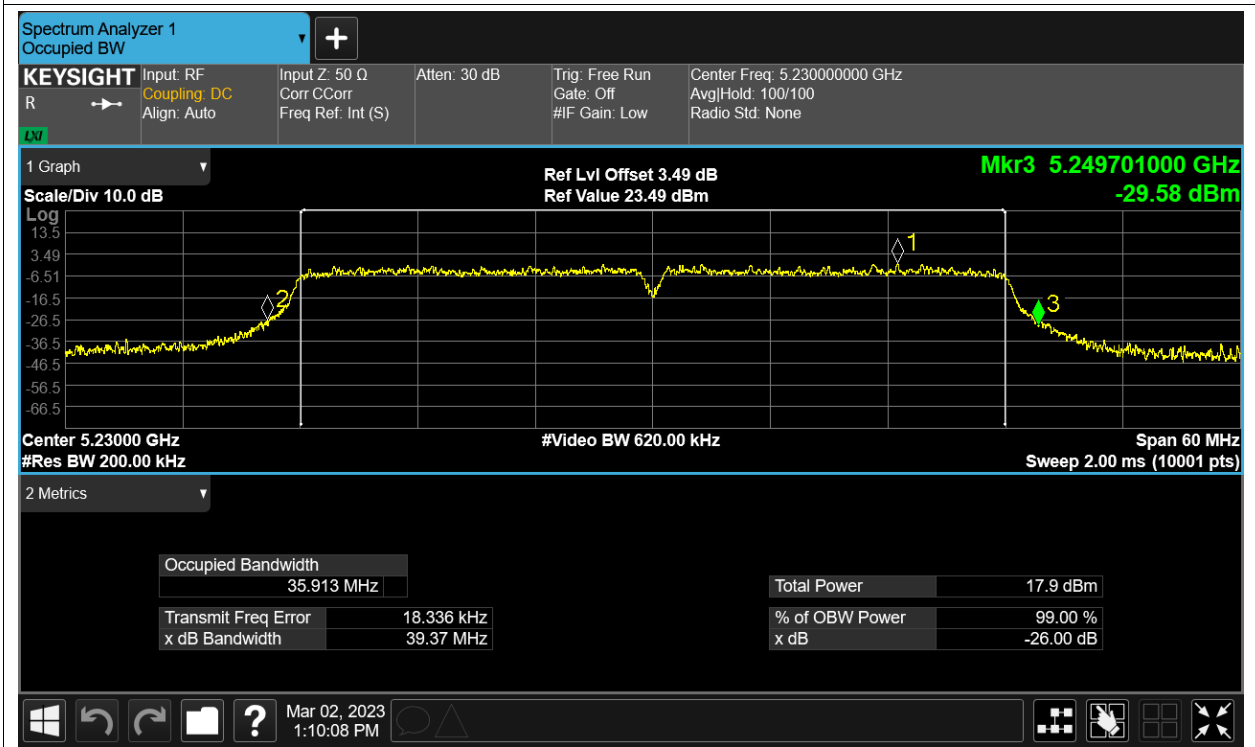
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

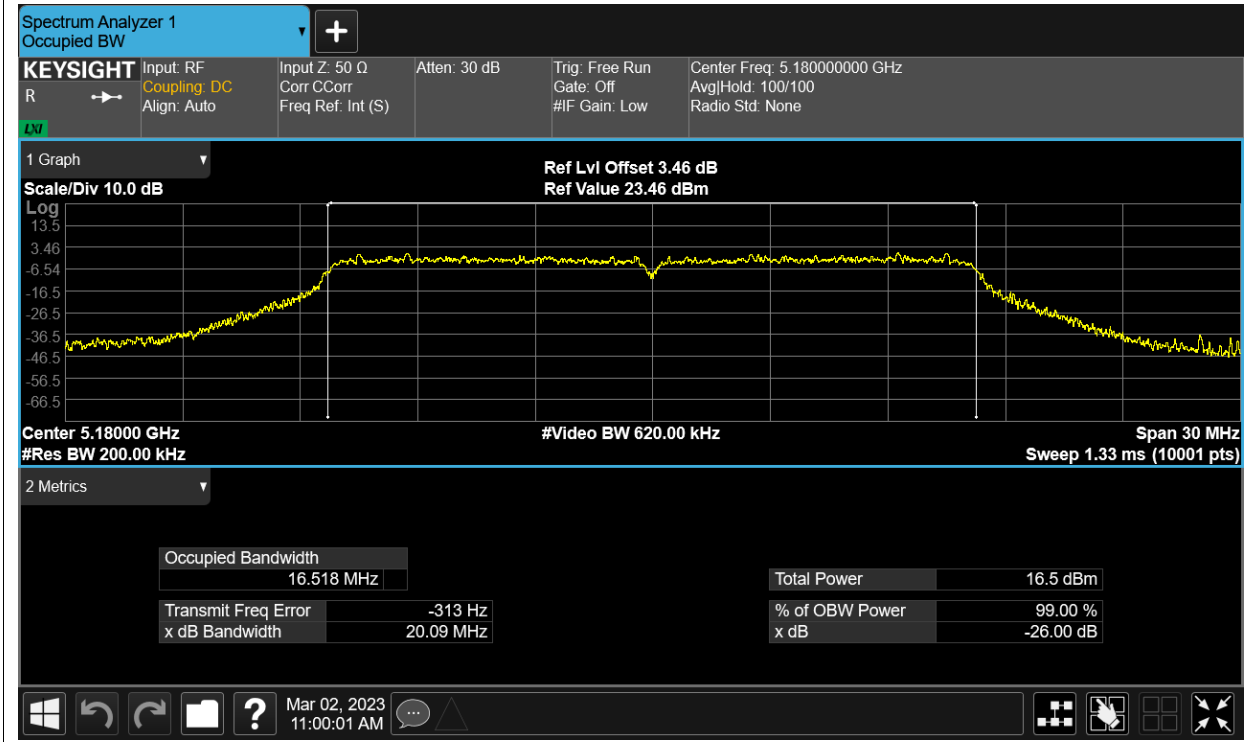


Occupied Channel Bandwidth

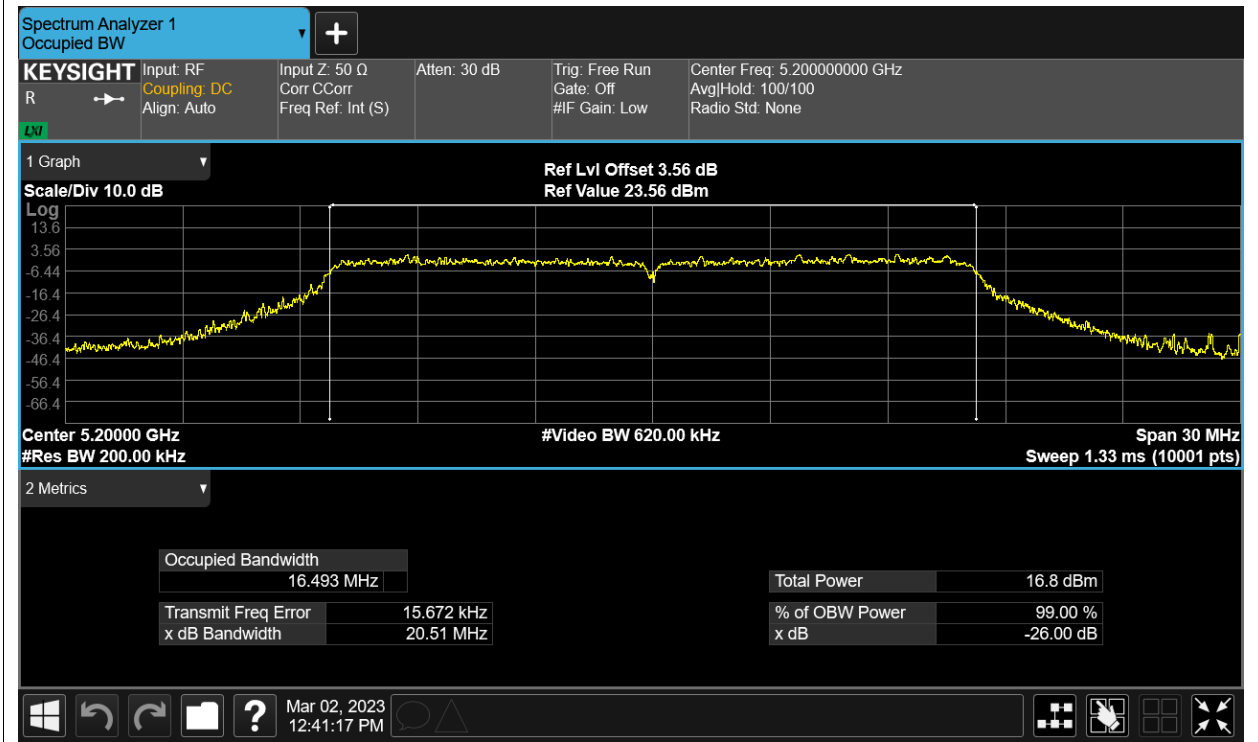
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.518
NVNT	a	5200	Ant1	16.493
NVNT	a	5240	Ant1	16.566
NVNT	ac20	5180	Ant1	17.606
NVNT	ac20	5200	Ant1	17.587
NVNT	ac20	5240	Ant1	17.6
NVNT	ac40	5190	Ant1	36.042
NVNT	ac40	5230	Ant1	36.061
NVNT	ac80	5210	Ant1	75.07
NVNT	n20	5180	Ant1	17.583
NVNT	n20	5200	Ant1	17.556
NVNT	n20	5240	Ant1	17.598
NVNT	n40	5190	Ant1	36.037
NVNT	n40	5230	Ant1	36.072

Test Graphs

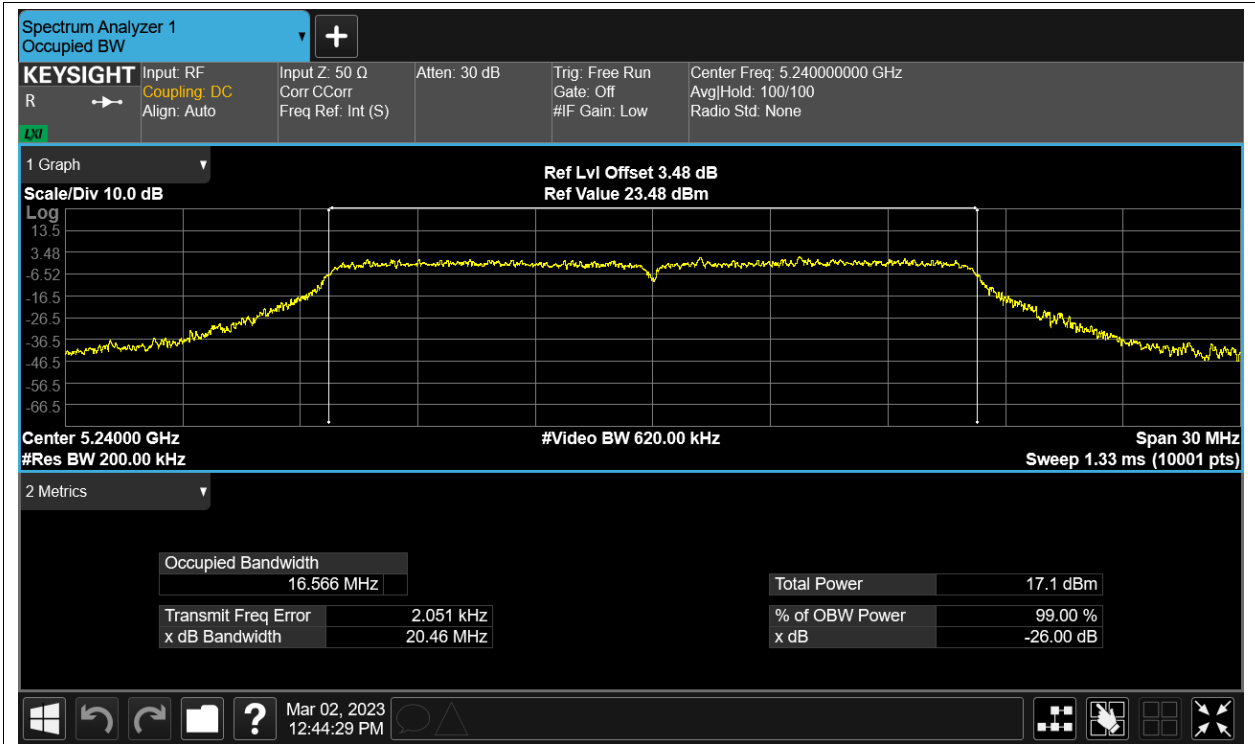
OBW NVNT a 5180MHz Ant1



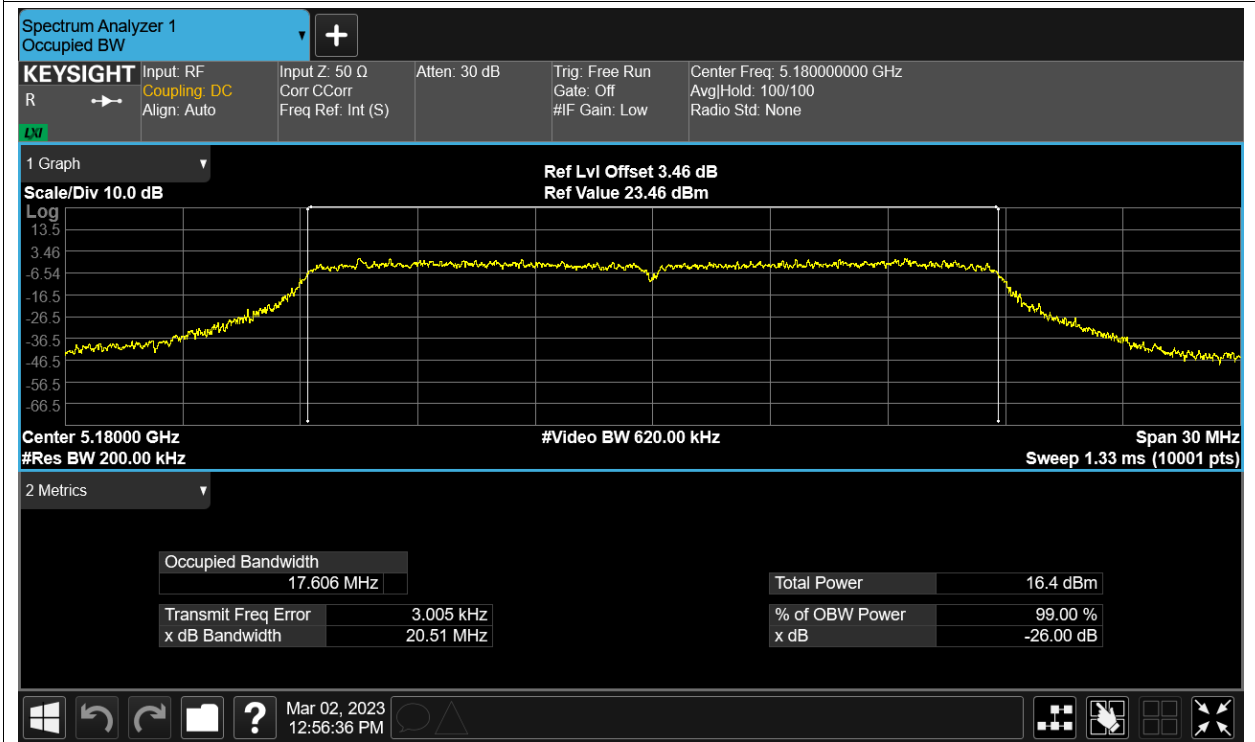
OBW NVNT a 5200MHz Ant1



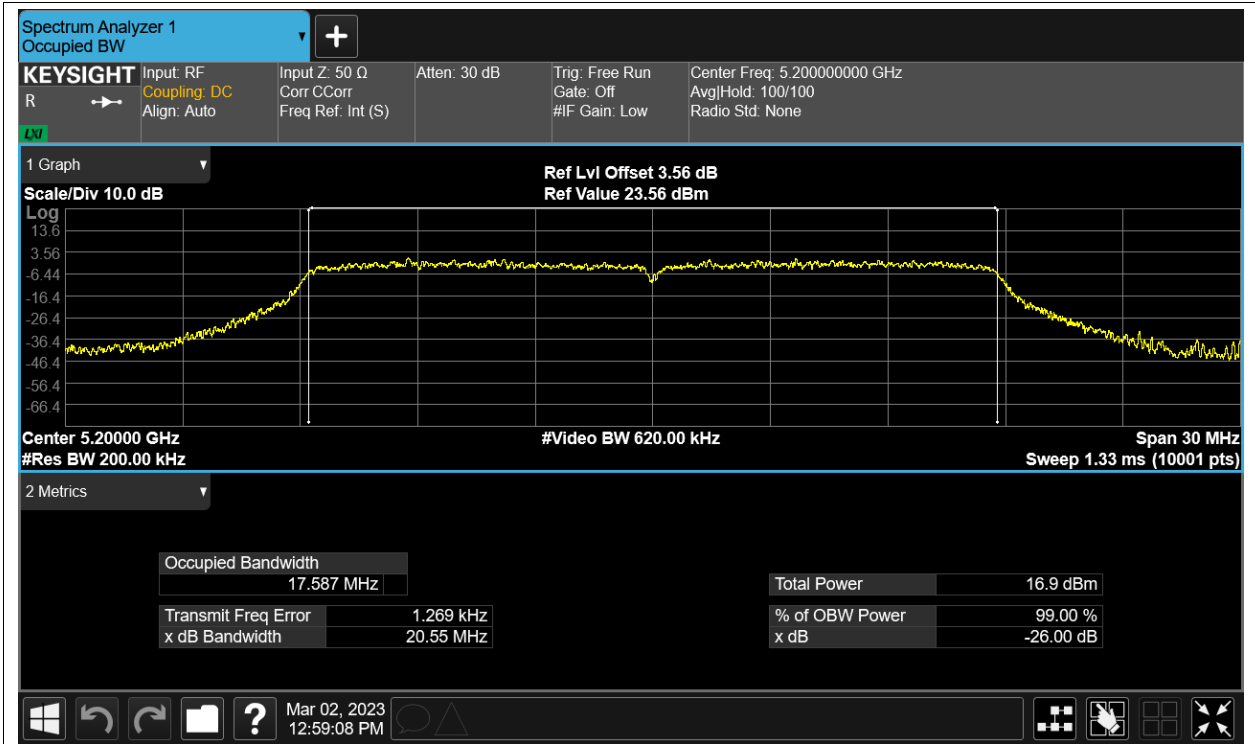
OBW NVNT a 5240MHz Ant1



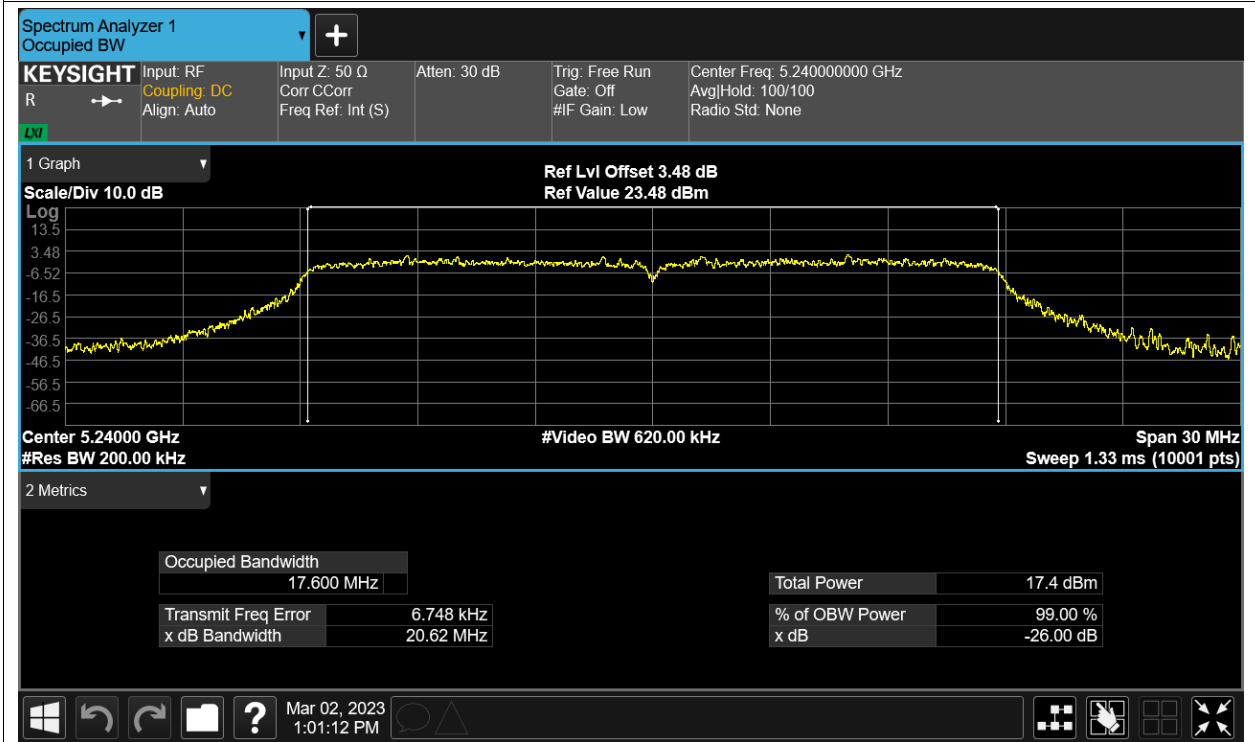
OBW NVNT ac20 5180MHz Ant1



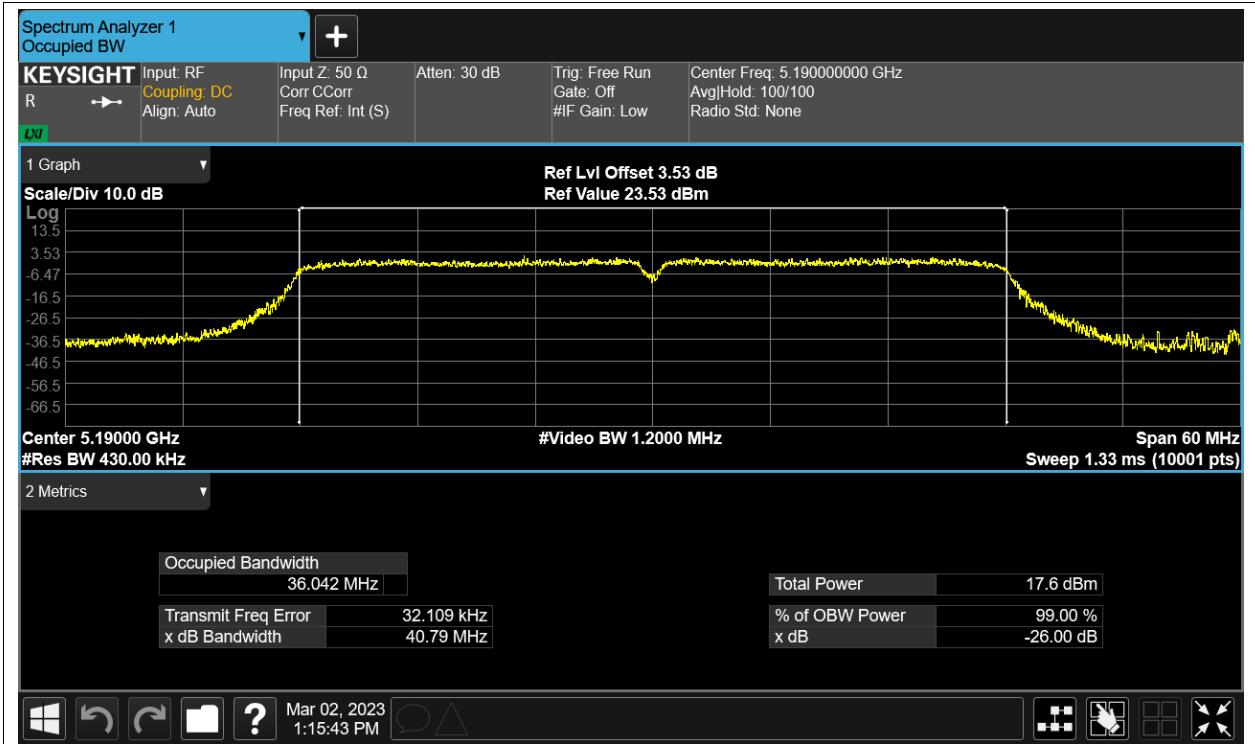
OBW NVNT ac20 5200MHz Ant1



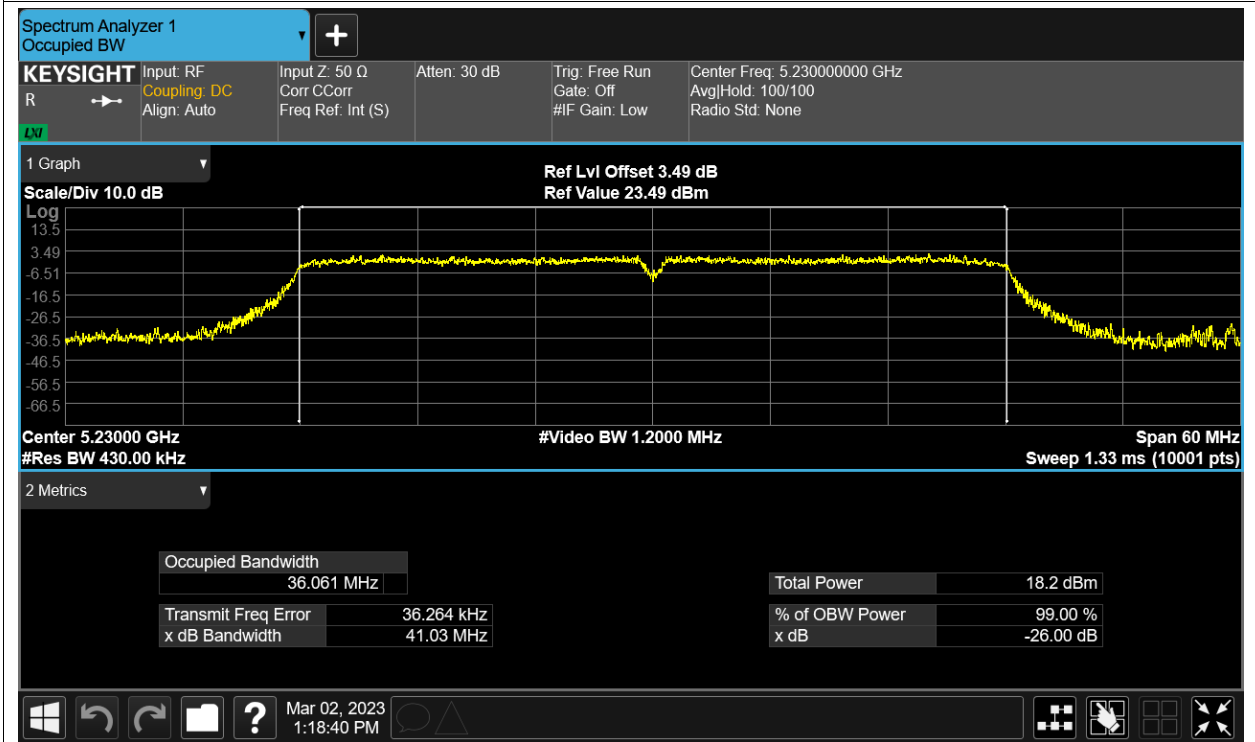
OBW NVNT ac20 5240MHz Ant1



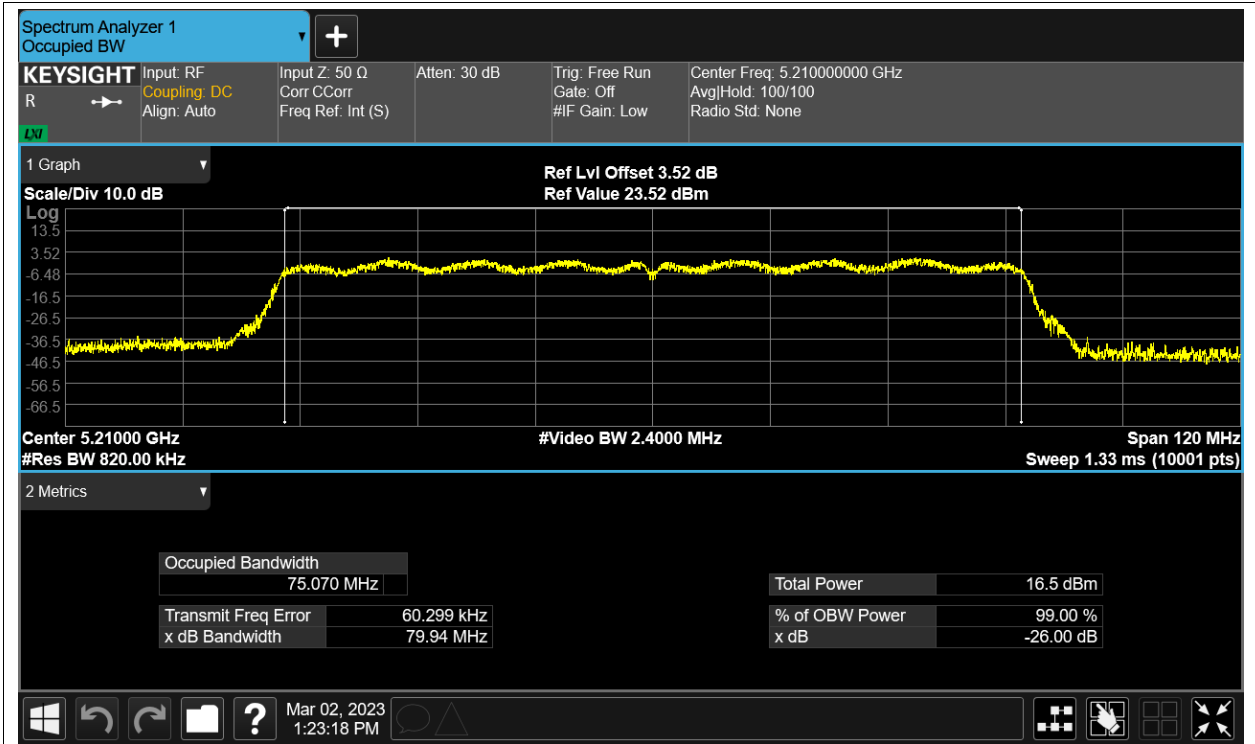
OBW NVNT ac40 5190MHz Ant1



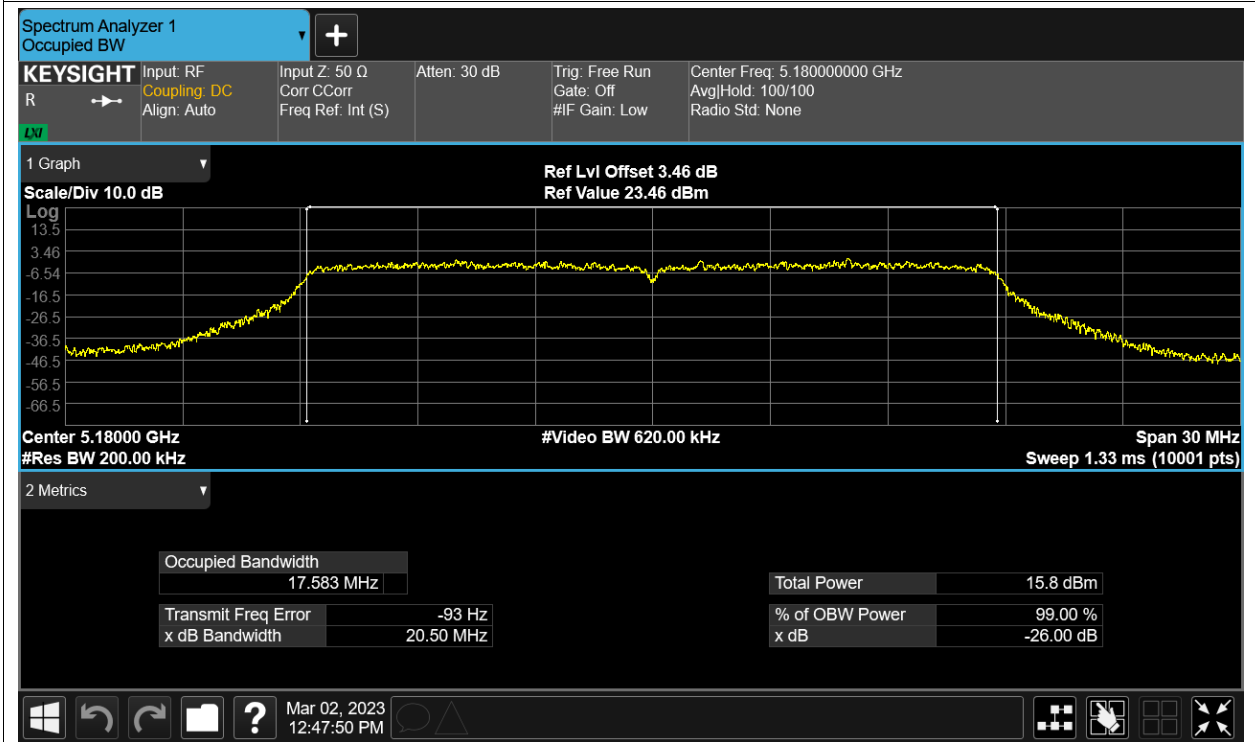
OBW NVNT ac40 5230MHz Ant1



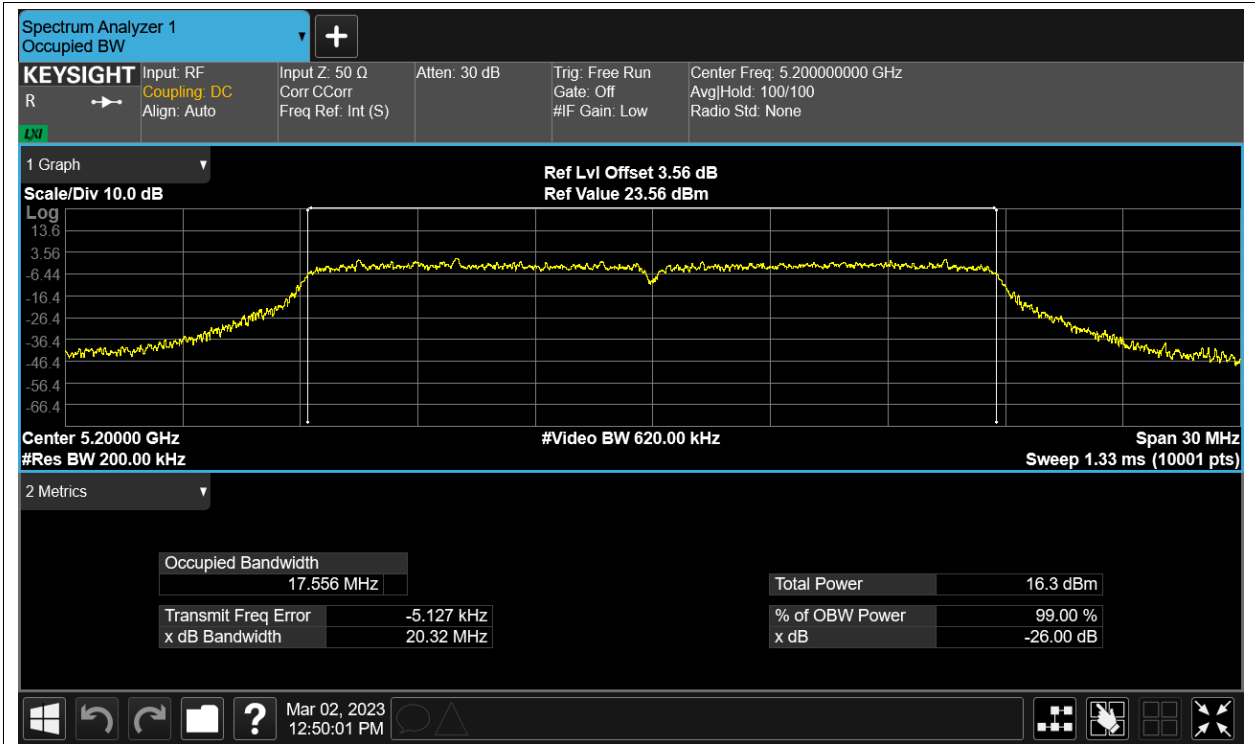
OBW NVNT ac80 5210MHz Ant1



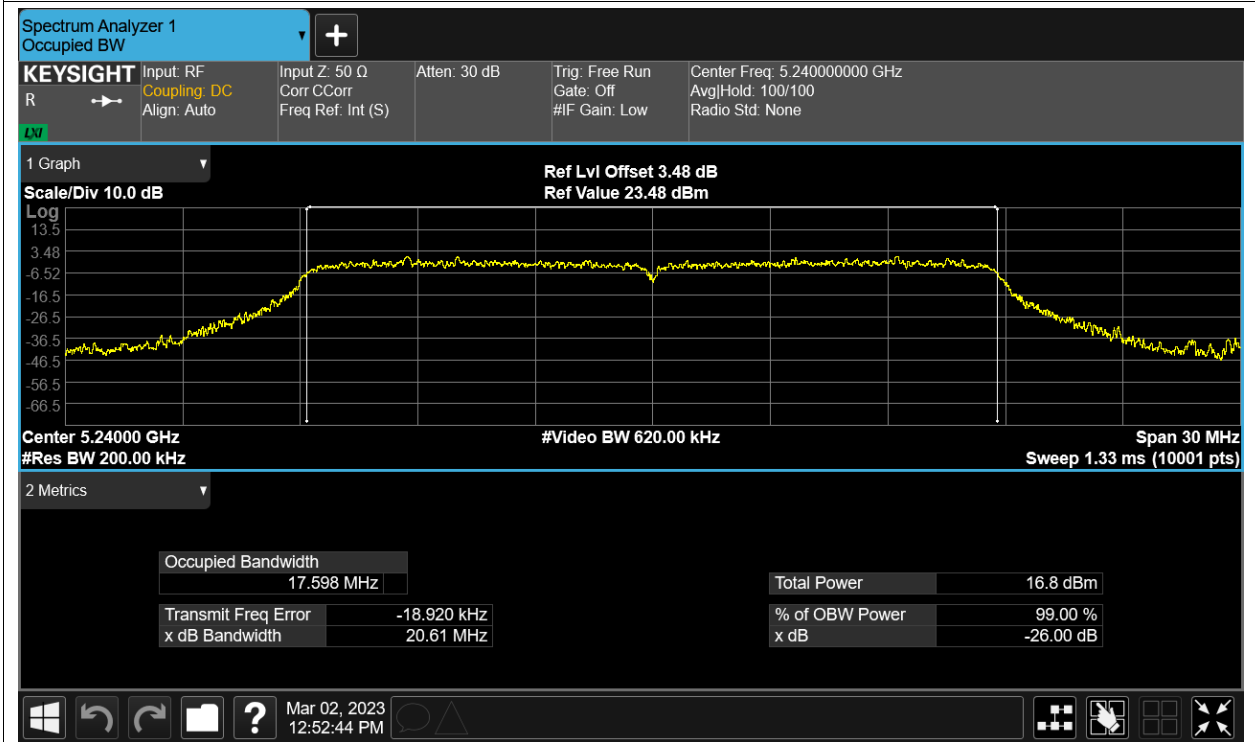
OBW NVNT n20 5180MHz Ant1



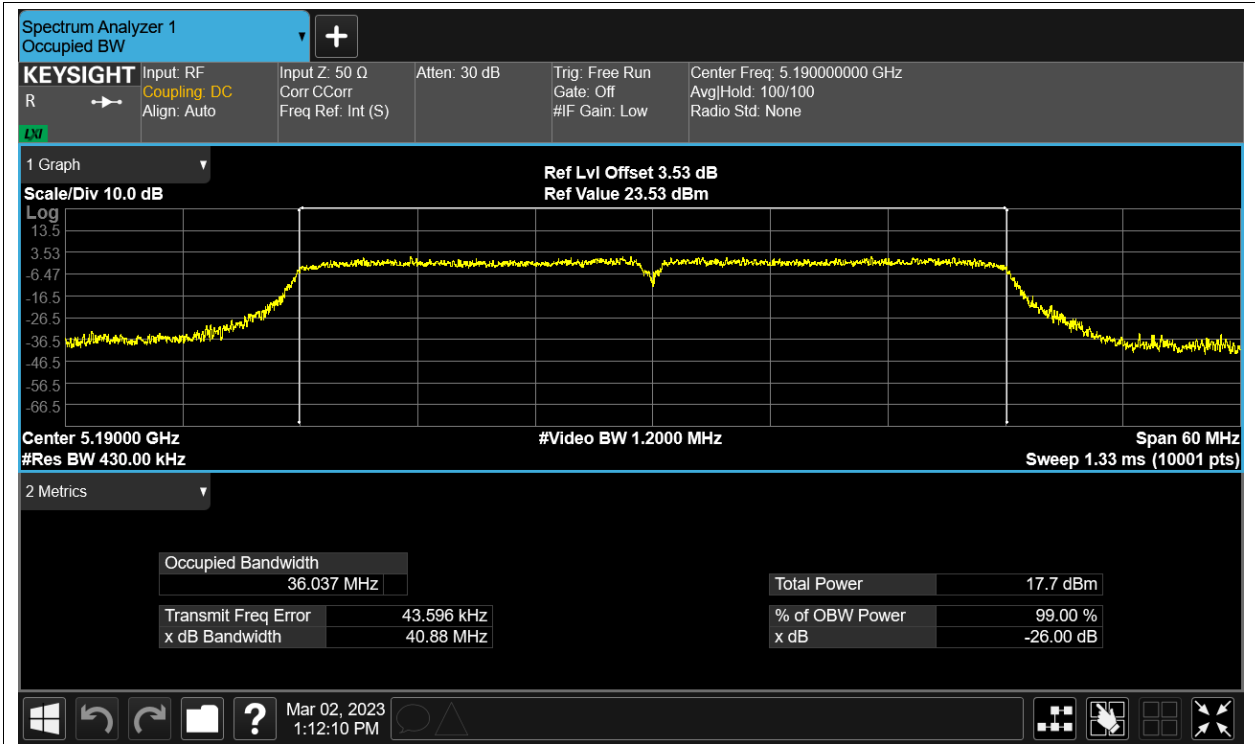
OBW NVNT n20 5200MHz Ant1



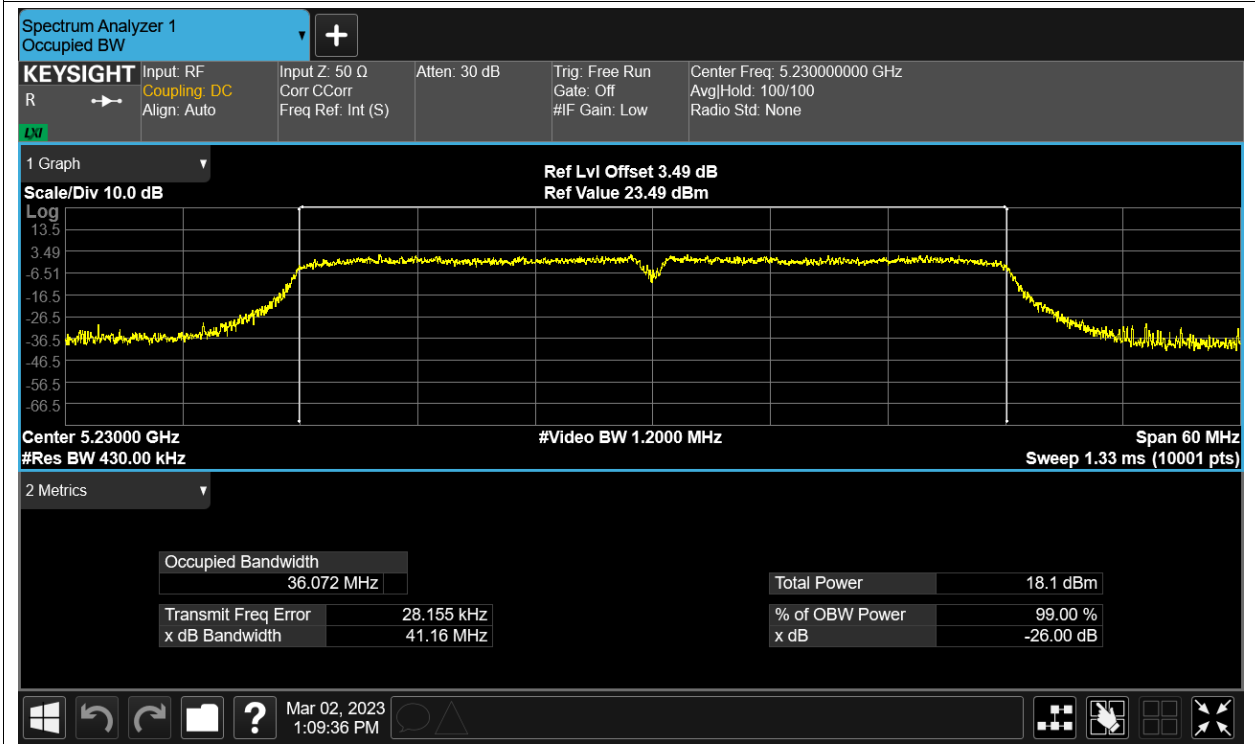
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

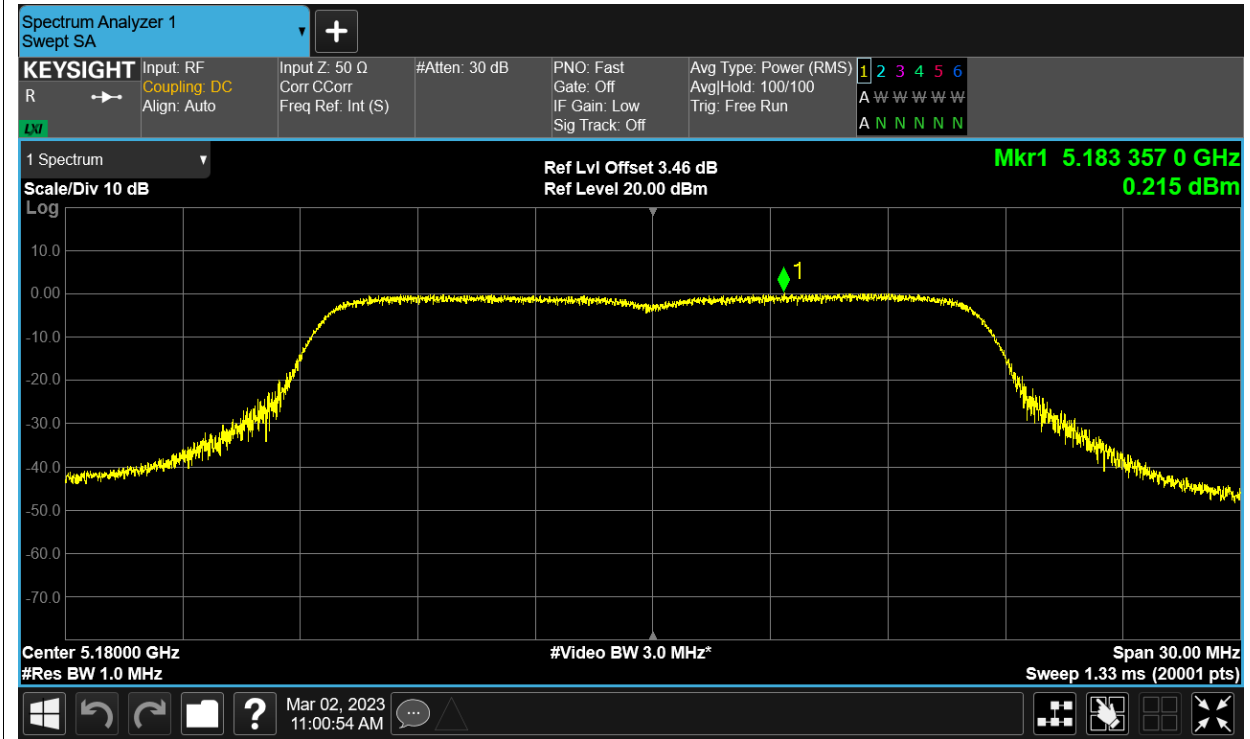


Maximum Power Spectral Density Level

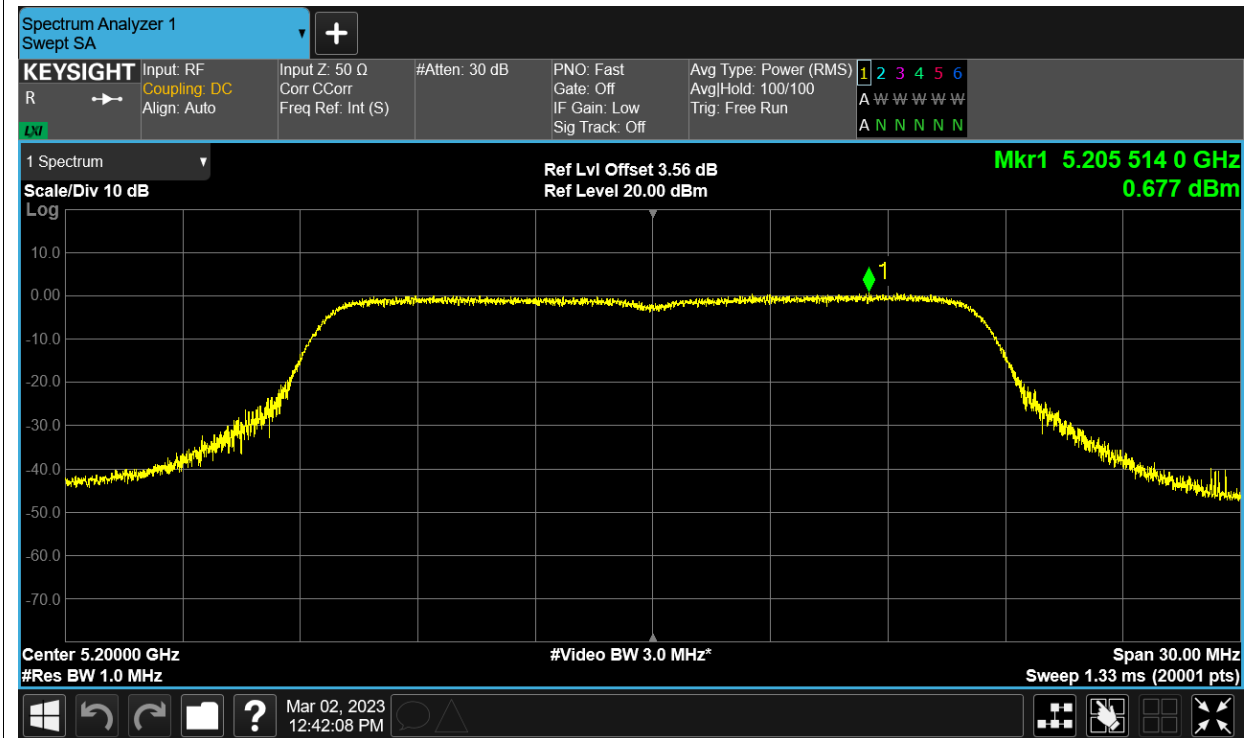
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.215	11	Pass
NVNT	a	5200	Ant1	0.677	11	Pass
NVNT	a	5240	Ant1	0.761	11	Pass
NVNT	ac20	5180	Ant1	-0.337	11	Pass
NVNT	ac20	5200	Ant1	0.672	11	Pass
NVNT	ac20	5240	Ant1	0.787	11	Pass
NVNT	ac40	5190	Ant1	-2.212	11	Pass
NVNT	ac40	5230	Ant1	-1.963	11	Pass
NVNT	ac80	5210	Ant1	-5.962	11	Pass
NVNT	n20	5180	Ant1	-0.676	11	Pass
NVNT	n20	5200	Ant1	0.053	11	Pass
NVNT	n20	5240	Ant1	0.361	11	Pass
NVNT	n40	5190	Ant1	-2.104	11	Pass
NVNT	n40	5230	Ant1	-1.555	11	Pass

Test Graphs

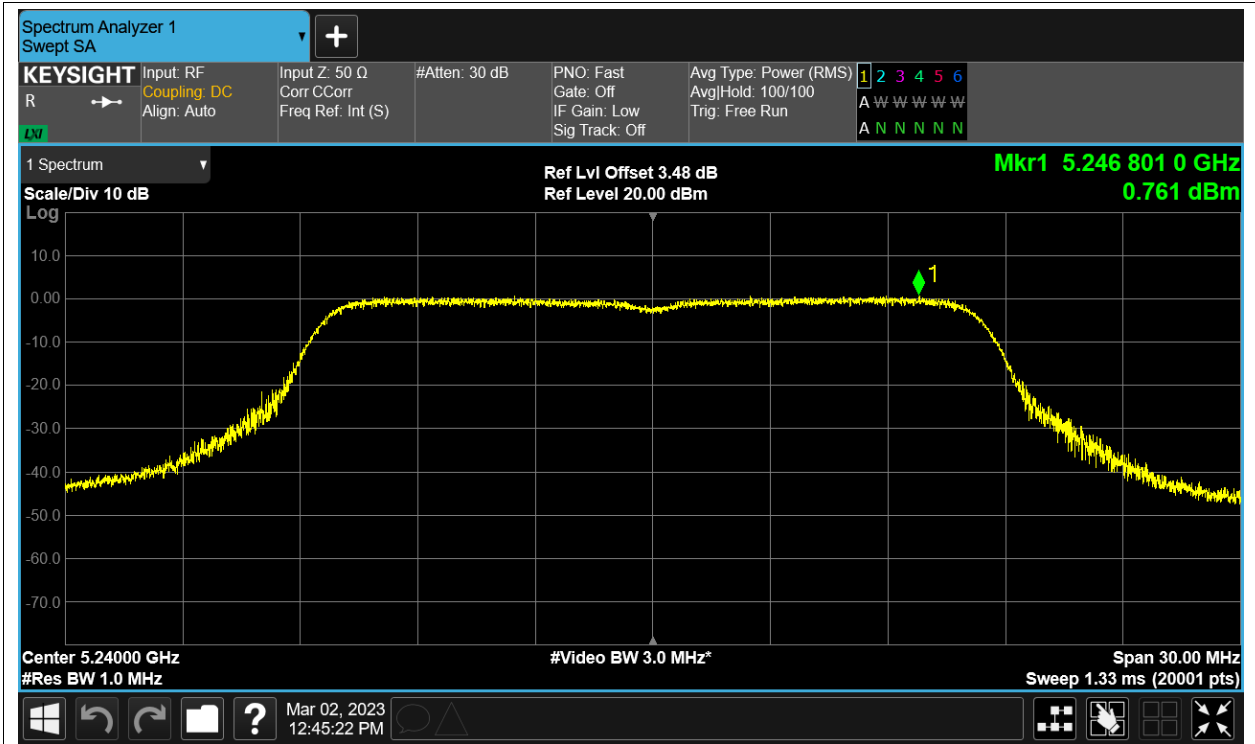
PSD NVNT a 5180MHz Ant1



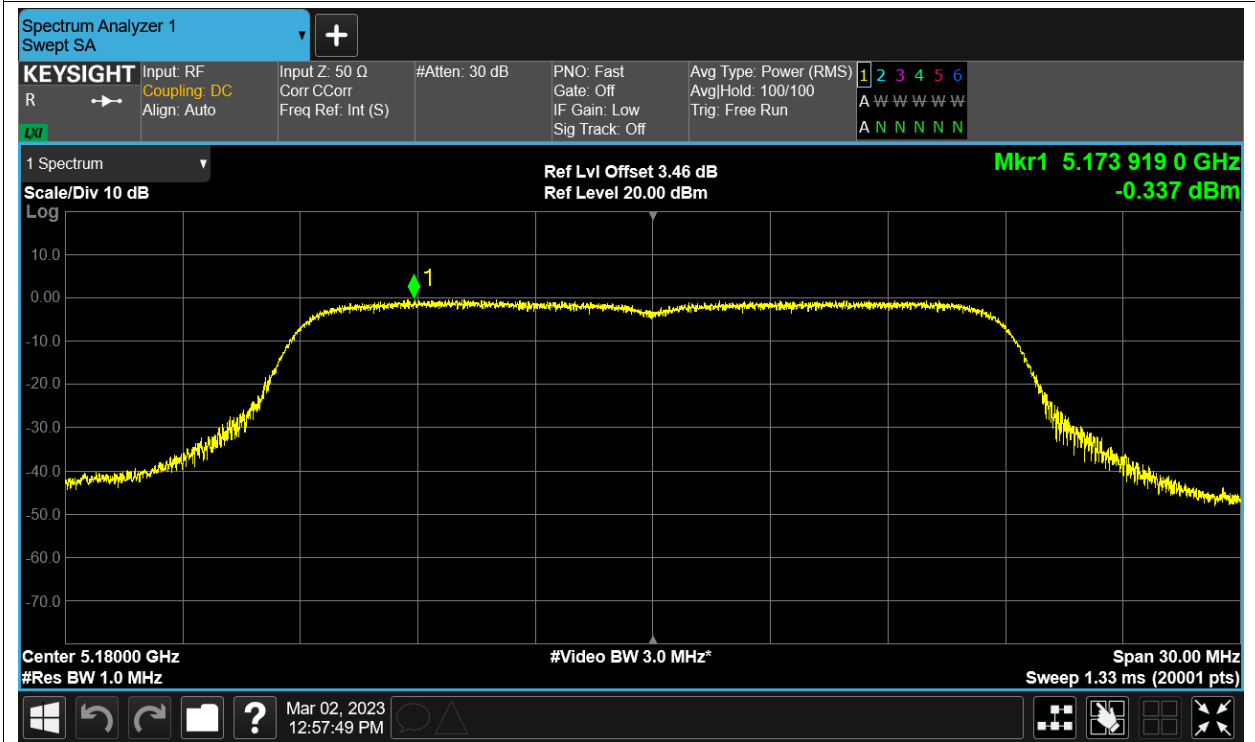
PSD NVNT a 5200MHz Ant1



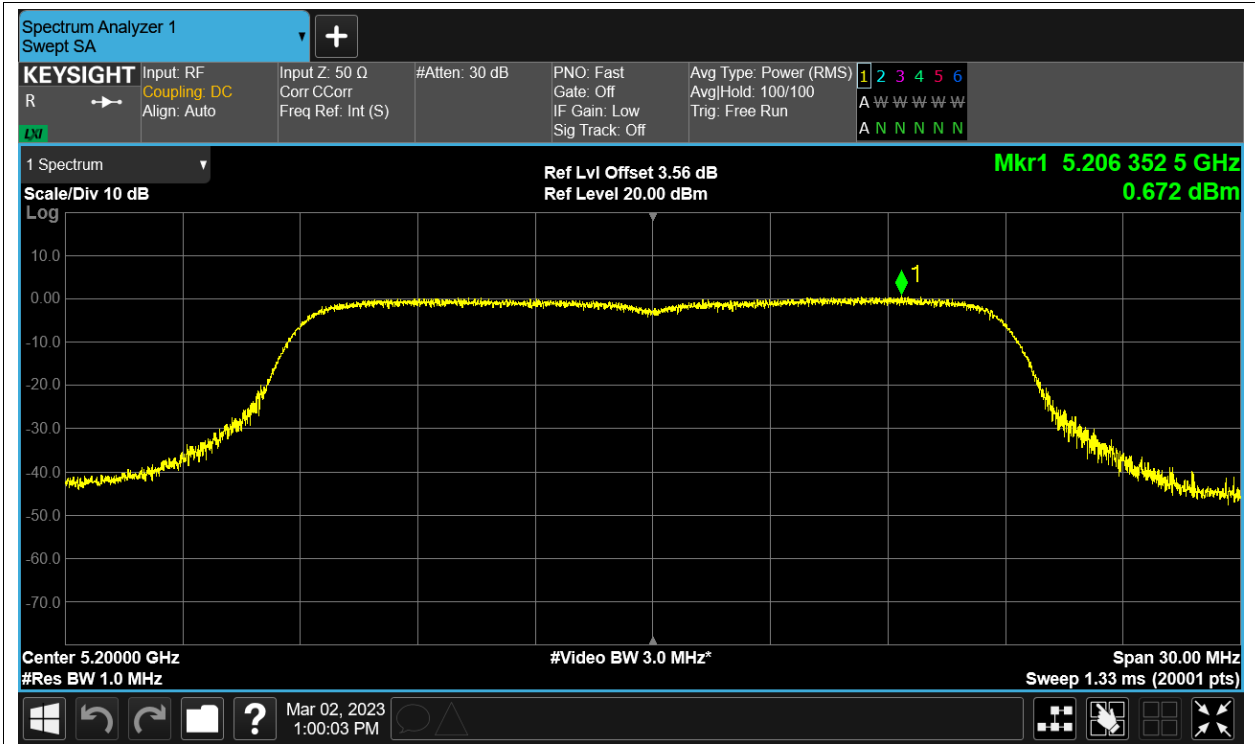
PSD NVNT a 5240MHz Ant1



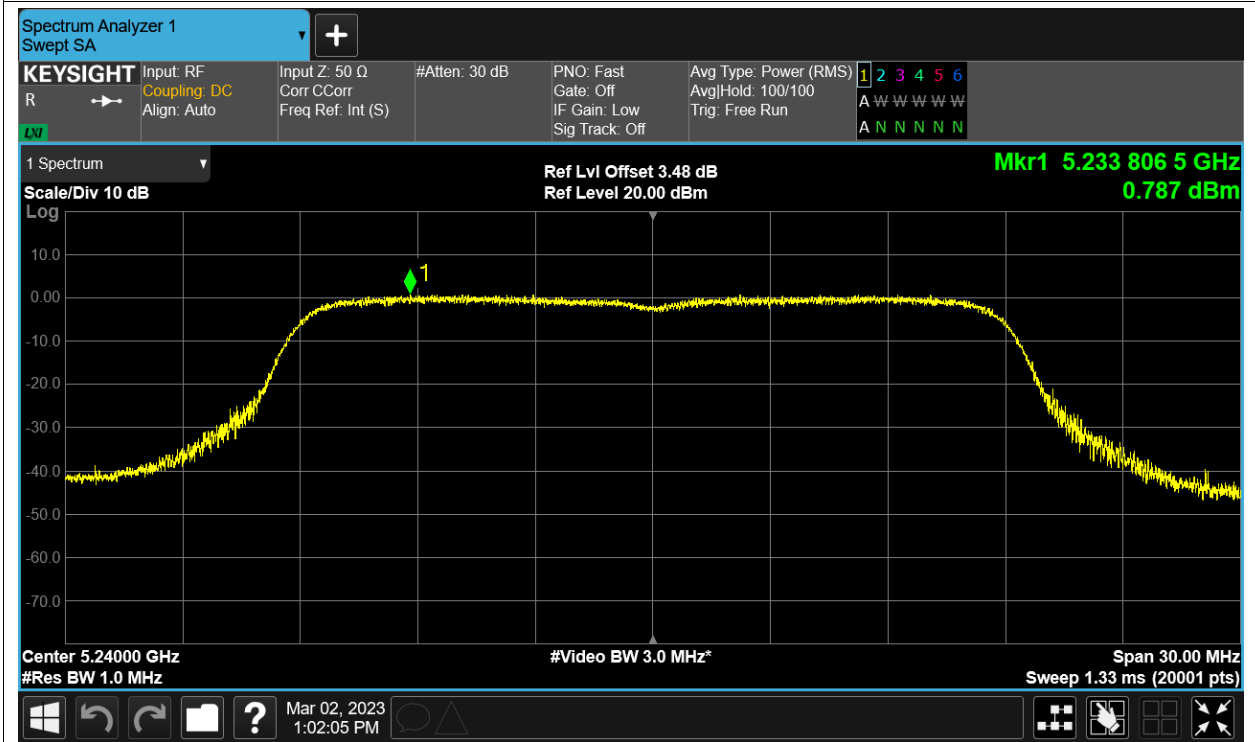
PSD NVNT ac20 5180MHz Ant1



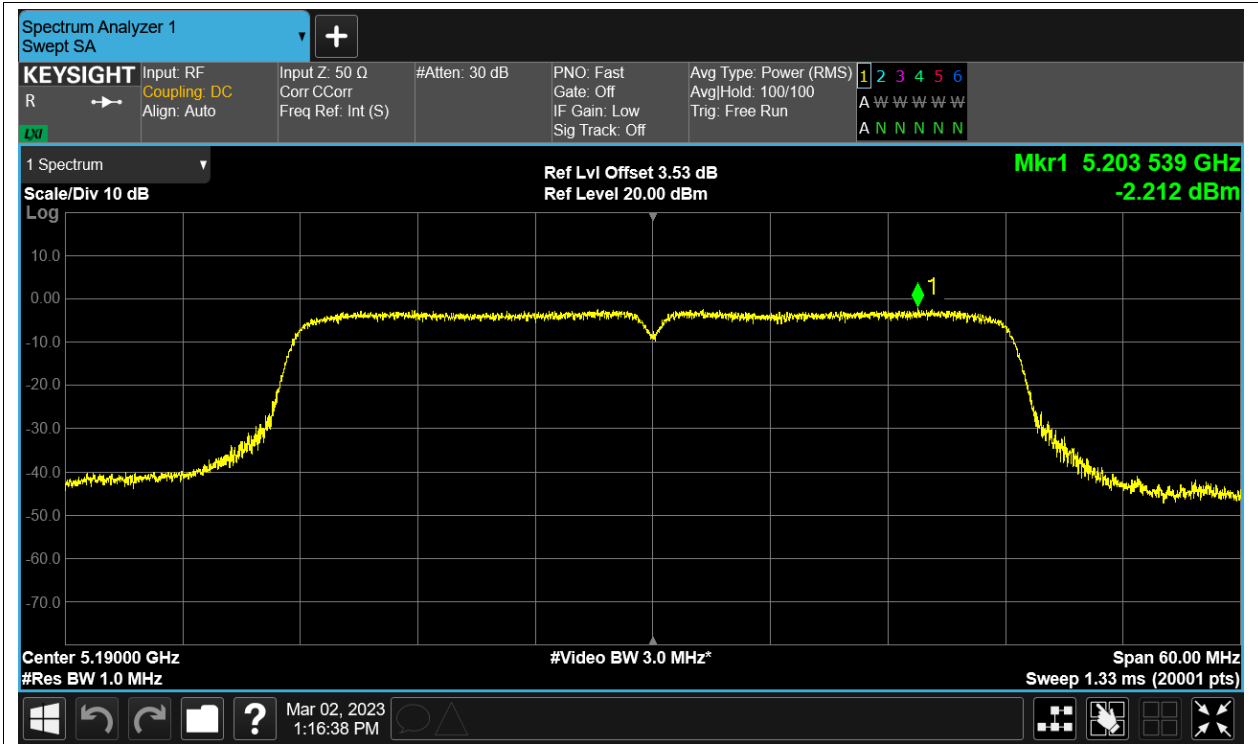
PSD NVNT ac20 5200MHz Ant1



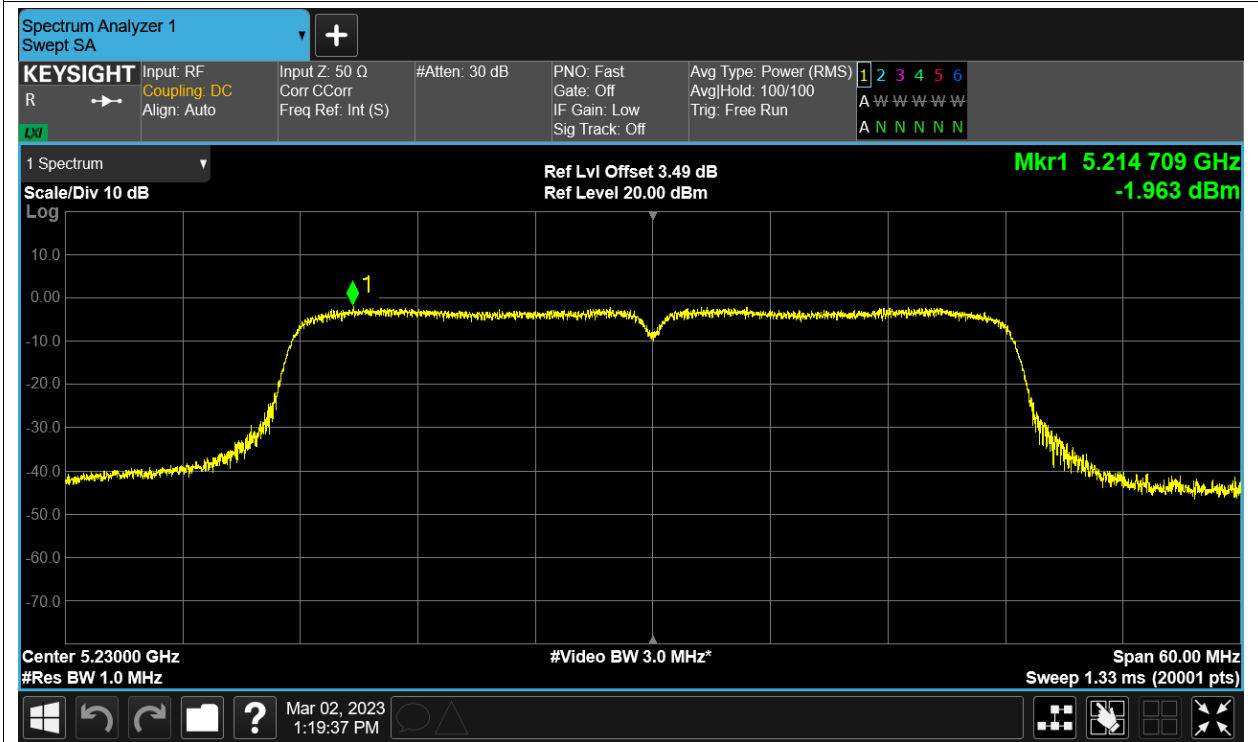
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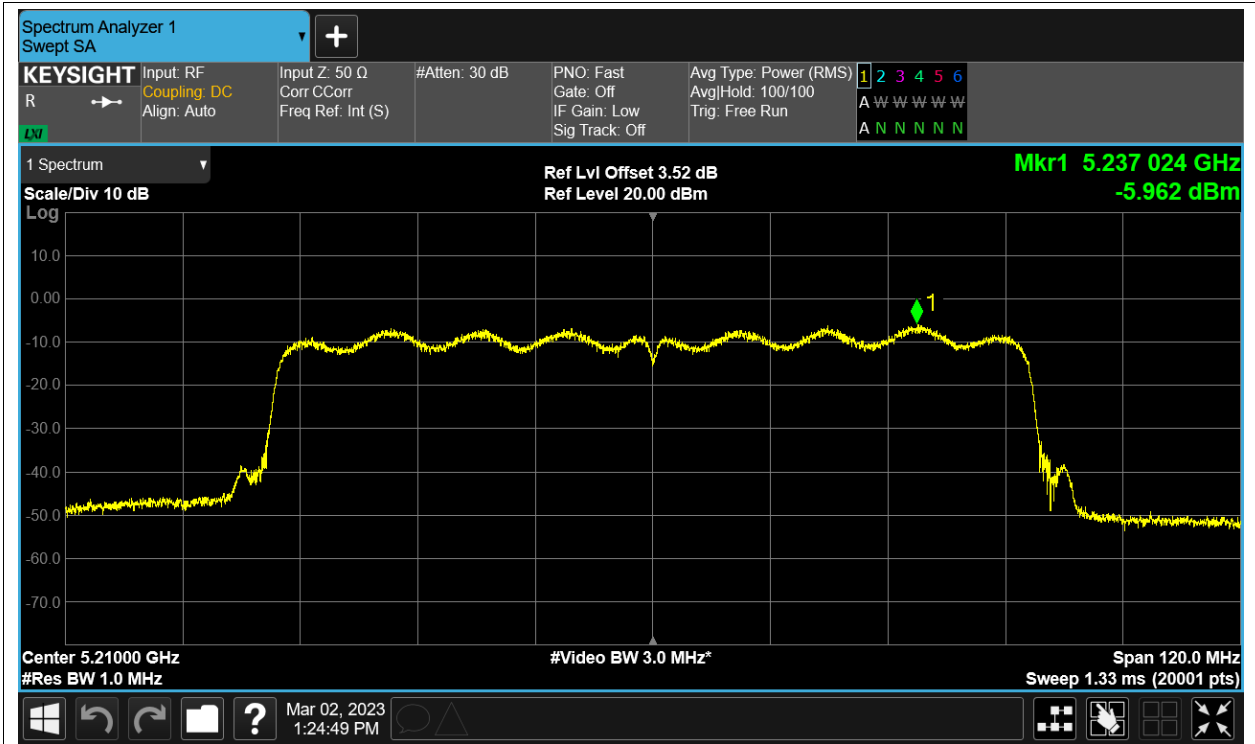
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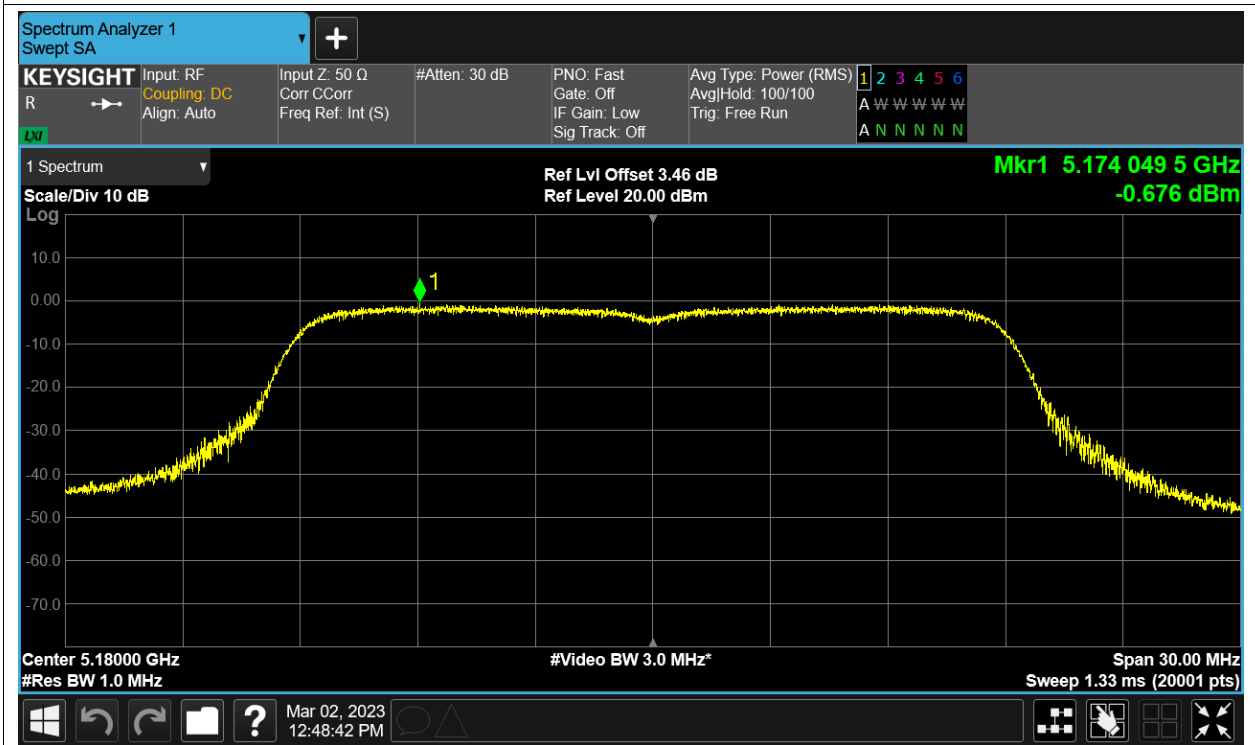
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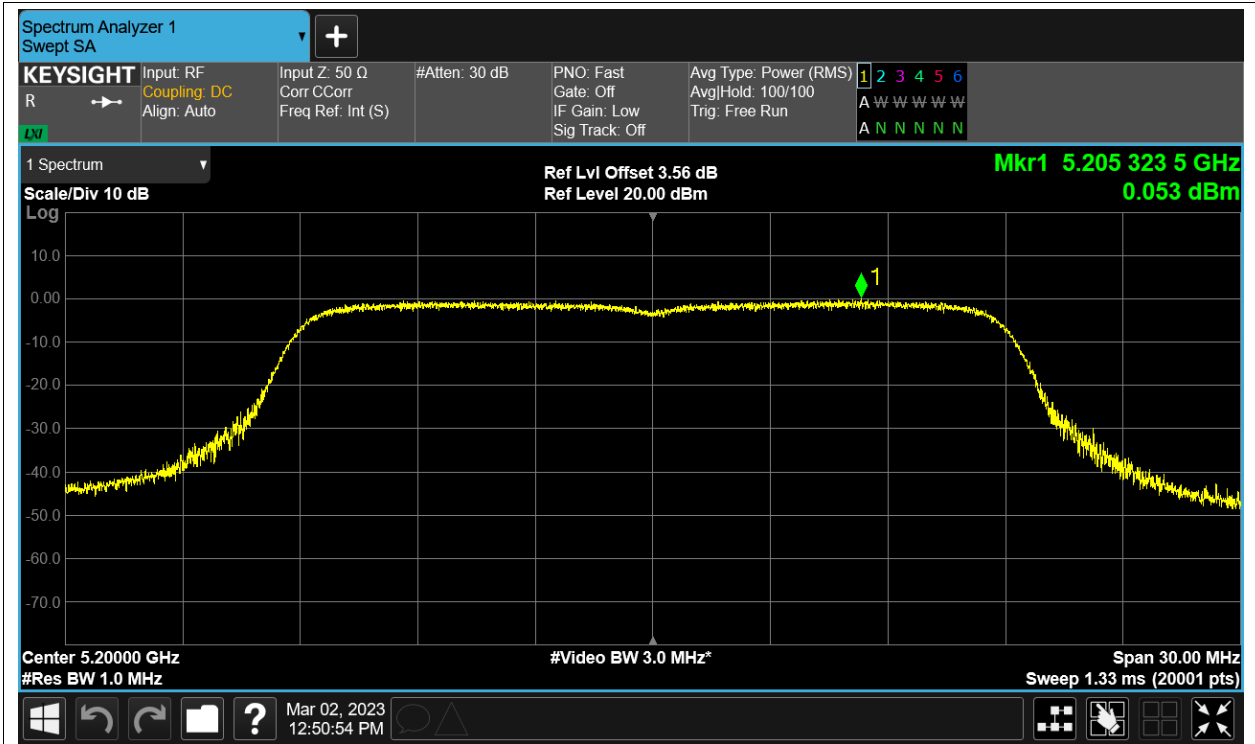
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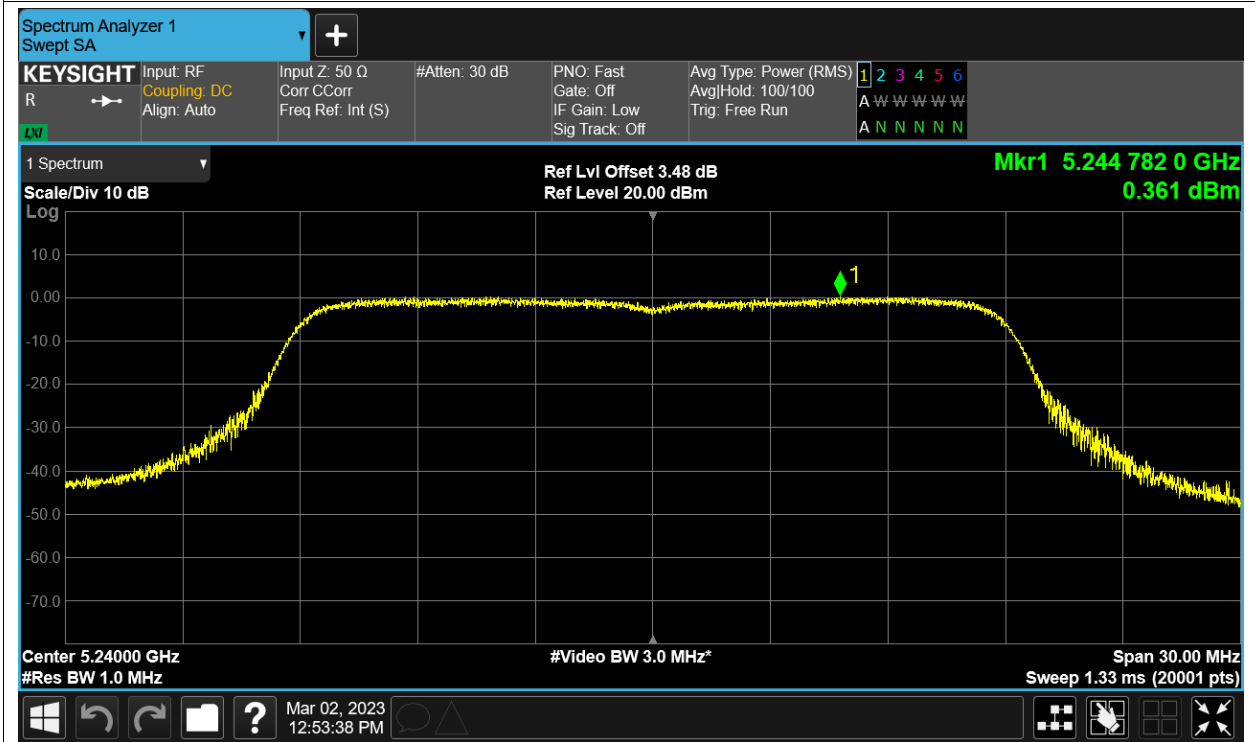
PSD NVNT n20 5180MHz Ant1



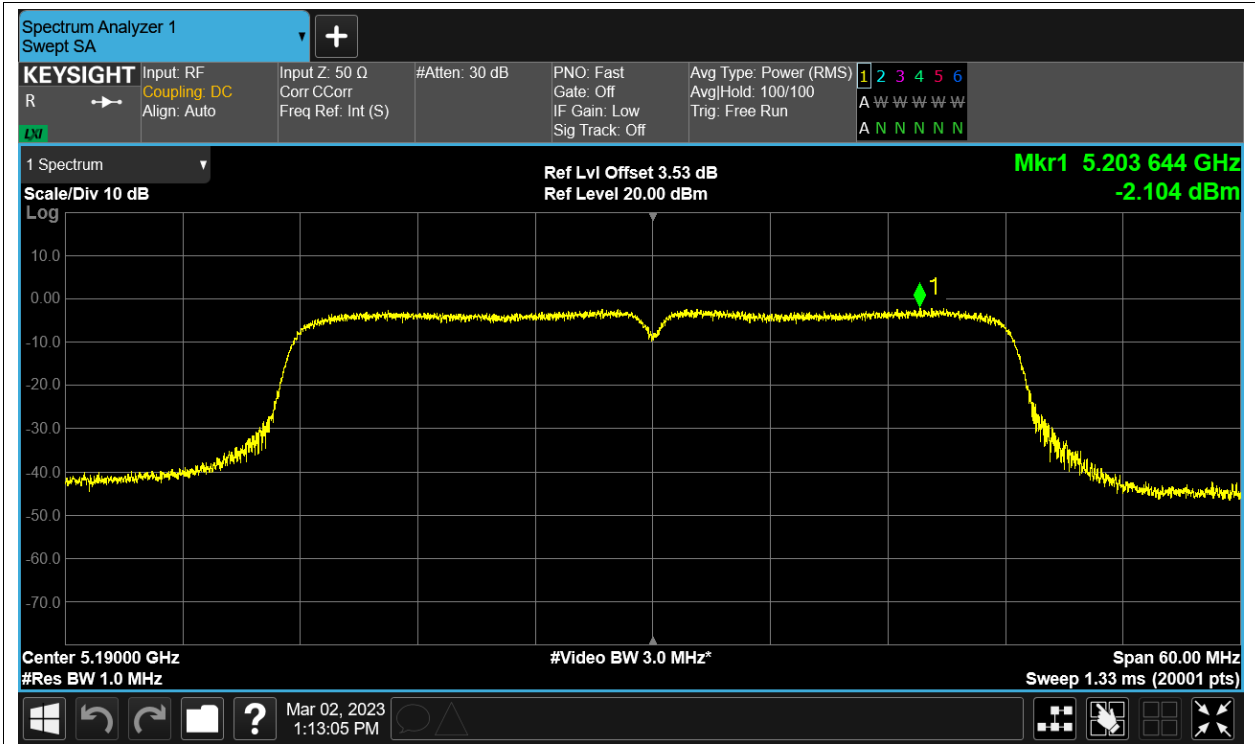
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

